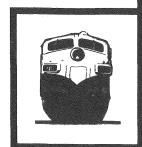






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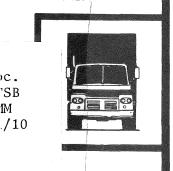
WASHINGTON, D.C. 20594



BRIEFS OF ACCIDENTS INVOLVING AERIAL APPLICATION OPERATIONS

U.S. GENERAL AVIATION 1979

NTSB-AMM-81-10



UNITED STATES GOVERNMENT

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NATIONAL TRANSPORTATI		Operations, 1979						
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15. Supplementary Notes

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16.Abstract

This publication contains reports of U.S. general aviation aerial application accidents occurring in 1979. Included are 395 accident Briefs, 27 of which involve fatal accidents. The brief format presents the facts, conditions, circumstances, and probable cause(s) for each accident. Additional statistical information is tabulated by type of accident, phase of operation, injury index, aircraft damage, pilot certificate, injuries, kind of operation, and causes/factors. This publication will be published annually.

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FOREWORD

This publication contains reports of U.S. General Aviation aerial application (crop control and fire control) operation accidents in Brief format arranged in order by state and date of occurrence. It also lists these accidents in order by aircraft make and model. In addition, information is presented in several statistical tables which tabulate and summarize selected accident information, such as type of accident, phase of operation, injuries, causes and related factors, kind of operation, and a ten year tabulation of aerial application accidents.

The following chart compares the accident rates for total U.S. General Aviation with accidents involving U.S. General Aviation aerial application operations:

	Hours Flown 1/	Total Accidents	Total Accident Rate 2/	Fatal Accidents	Fatal Accident Rate 2/
Total - U.S. General Aviation	43,340,081	4,023	9.28	678	1.56
U.S. General Aviation Accidents Involving Aerial Application Operations	3,291,812	395	12.00	27	0.82

- 1/ Source: Federal Aviation Administration
- 2/ The accident rates are per 100,000 hours flown.

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

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

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

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

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

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U.S. GENERAL AVIATION

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

U.S. AIR CARRIER

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

DEFINITIONS

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

Aircraft Accident

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

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

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

Substantial Damage

1) Except as provided in subparagraph (2) of this paragraph, substantial damage means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component.

2) Engine failure, damage limited to an engine, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

INJURY INDEX

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

TYPE OF ACCIDENT

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

Gear Collapsed

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

Gear Retracted

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

Airframe Failure

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

Engine Failure/Malfunction

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

PHASE OF OPERATION

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

KIND OF FLYING

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

1. <u>Instructional Flying</u>
Refers to flying accomplished in supervised training under the direction of an accredited instructor.

KIND OF FLYING

Noncommerical Flying
Refers to the use of an aircraft for purposes of pleasure,
personal transportation or in connection with a private
business, in corporate/executive operations, and in other
operations, wherein there is no direct monetary fee charged.
It includes the following categories.

Pleasure

Flying by individuals in their own or rented aircraft for pleasure, or personal transportation not in furtherance of their occupation or company business.

Business

The use of aircraft by pilots (not receiving direct salary or compensation for piloting) in connection with their occupation or in the furtherance of a private business.

Corporate/Executive Operations

The use of aircraft owned or leased, and operated by a corporation or business firm for the transportation of personnel or cargo in furtherance of the corporation's or firm's business, and which are flown by professional pilots receiving a direct salary or compensation for piloting.

- 3. Commercial Flying
 Commercial flying includes all general aviation flying normally conducted for direct financial return, except instructional flying. It includes air taxi operations, aerial application, fire control, aerial mapping or photography, aerial advertising, power/pipeline patrol and fish spotting.
- 4. <u>Miscellaneous Flying</u>
 Includes other kinds of flying not covered under the other three broad categories. In some instances the criterion of direct financial return may or may not be present.

COLLISION BETWEEN AIRCRAFT

Collisions between aircraft are so classified only when both aircraft are occupied. This includes collisions wherein both aircraft are airborne (midair); one is airborne, the other on the ground; and both are on the ground. A collision with a parked, unoccupied aircraft is classified under the broad category of collision with objects (parked, unoccupied aircraft).

CAUSES AND RELATED FACTORS

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

AIRCRAFT WEIGHT CATEGORIES

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

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

SMALL FIXED-WING AIRCRAFT

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

LARGE FIXED-WING AIRCRAFT

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

ROTORCRAFT

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

TYPES OF WEATHER CONDITIONS

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

LIST OF ABBREVIATIONS USED IN BRIEFS

ABBREVIATION

MEANING

MDD116 42M 42 014	110/13/140
AERIAL ADVERTISE	AERIAL ADVERTISING
	AIRLINE TRANSPORT INSTRUCTOR
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPERATIONS
AIR TAXI-PASSG	AIR TAXI—PASSENGER OPERATIONS
APPROACH CTL-DEPARTURE	APPROACH CONTROL -DEPARTURE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE
ASSOC CROP CTL ACTIVITIES	
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED CROP CONTROL ACTIVITIES
	ASSOCIATED FIRE CONTROL ACTIVITIES
COMMERCIAL , FLIGHT. INSTR.	COMMERCIAL FLIGHT INSTRUCTOR
CORP /E XEC	CORPORATION/EXECUTIVE
CR-	CREM
CTR CARGO-D	CONTRACT/ CHARTER-CARGO-DOMEST IC
CTR CARGO-I	CONTRACT/ CHARTER-CARGO-INTERNATIONAL
CTR PASSG-D	CONTRACT/ CHARTER-PASS ENGER-DOME STIC
CTR PASSG-I	CONTRACT/ CHARTER-PASS ENGER-INTERNATIONAL
LAST ENROUTE STOP	LAST PLANNED EN ROUTE LANDING POINT
MAPPING/PHOTO MIL CONTRACT CARGO INTL	AERIAL MAPPING/PHOTOGRAPHY
MIL CONTRACT CARGO INTL	MILITARY CONTRACT-CARGO-INTERNATIONAL
MIL CONTRACT PASS6 INTL	MILITARY CONTRACT-PASSENGER-INTERNATIONAL
MILITARY CTR CARGO DOM	MILITARY CONTRACT-CARGO-DOMESTIC
MILITARY CTR PASSG DOM	MILITARY CONTRACT-PASSENGER-DOMESTIC
MIL/CTR CARGO	MILITARY CONTRACT-CARGO
MIL/CTR PASSG	MILITARY CONTRACT-PASSENGER
NR .	NEAR
NS CTR CARGO	NONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE
NS CTR PASSG	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE
NS/CTR REVENUE CARGO DOM	NONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC
NS/CTR REVENUE CARGO INTL	NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL
NS/CTR REVENUE PASSG DOM	NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC
NS/CTR REVENUE PASSG INTL	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL
07-	OTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE OF LOINST R.	PRIVATE FLIGHT INSTRUCTOR
P X-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CONTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	SCHEDULED INTERNATIONAL CARGO SERVICE
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S- D	SCHEDULED-DOMEST IC
S- I	SCHEDULED-INT ERN AT ION AL
UNK/NR	UNKNOWN/NOT REPORTED

Aerial Application Operation Accidents
U.S. General Aviation
1970 - 1979

Year	Aerial Application Hours Flown 1/	Total Accidents	Total Accident Rate 2/	Fatal Accidents	Fatal Accident Rate 2/	Fatalities
1970	1,520,000	363	23.9	41	2.70	41
1971	1,407,000	394	28.0	40	2.84	49
1972	1,773,000	376	21.2	38	2.14	46
1973	2,020,400	395	19.6	43	2.13	46
1974	2,085,400	467	22.4	31	1.49	32
1975	2,172,900	429	19.7	33	1.52	34
1976	2,498,600	433	17.3	3 9.	1.56	43
1977	2,663,400	454	17.1	30	1.13	34
1978	2,767,400	456	16.5	28	1.01	28
1979	3,291,812	395	12.0	27	0.82	27

^{1/} Source: Federal Aviation Administration

^{2/} Accident rates are per 100,000 hours flown.

ACCIDENTS, INJURIES U.S. GENERAL AVIATION AERIAL APPLICATION OPERATIONS

1979

INJURIES

					* A 4 4 5 7 7 4 4 4 4 1		
•	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT COPILOT Dual Student	25	50	75	245 3			395 3
CHECK PILOT Flight Engineer Navigator	·		•	3 3			
CABIN ATTENDANT EXTRA CREW PASSENGERS		1	1	2			4
TOTAL	25	51	76	250		ABOARD	402
* GTHER AIRCRAFT GTHER GROUND	1	2	1	2			3
GRAND TOTAL	27	53	77	252			409

INVOLVES 395 TOTAL ACCIDENTS
INVOLVES 27 FATAL ACCIDENTS

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

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	OEFROTELS ANTO HOPE		RECORDS	ACCIDEN	TS PERCENT
COOLING MATER LOGO SHERVE	1 23		24	24	6.08
GROUND-WATER LOOP-SWERVE	1 23			-	
DRAGGED WINGTIP POD OR FLOAT					
WHEELS-UP LANDING					•
WHEELS-DOWN LANDING IN WATER			4	4	1.01
GEAR COLLAPSED	4			-	
GEAR RETRACTED	• <u>-</u>		3 ·	3	.76
HARD LANDING	3	•		. 6	1.52
NOSE OVER/DOWN	6		6		
ROLL OVER	1 2		3	3	.76
OVERSHOOT .	2		2	2	•51
UNDERSHOOT .	2		2	2	.51
COLLISION BETWEEN AIRCRAFT			S .	٠,	
BOTH IN FLIGHT	1		1	1	.25
ONE AIRBORNE -	1		1	. 1	•25
BOTH ON GROUND					
COLLISION WITH GROUND/WATER		•			
CONTROLLED	7 19		26	26	6.58
UNCONTROLLED	2 3		5	5 .	1.27
COLLIDED WITH	•				
WIRES/POLES	34 28		62	62	15.70
TREES	20 9		29	29	7.34
RESIDENCE/S		•	•		
BUILDING/S	1	•	1	1 .	•25
FENCE. FENCEPOSTS	2 1		3	3	.76
ELECTRONIC TOWERS	1 2		3	3	.76
RUNWAY OR APPROACH LIGHTS			· · · · · · · · · · · · · · · · · · ·		
AIRPORT HAZARD					
ANIMALS	1		1	1	.25
CROP	2 1		3	3	•76 ·
FLAGMAN LOADER	2		2	2	•51
DITCHES	1 2		3	3	•76
SNOWBANK					
PARKED AIRCRAFT (UNATTENDED)					
AUTOMOBILE	1 2		3	3	•76
DIRT BANK	1 12		13	13	3.29
OTHER	1 8		9	9	2.28
UTHER			-,		•

AGE 3

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE AIRCRAFT DAMAGE

		->					
FIRST	DESTROYED STA	HILP THE					
PE OF ACCIDENT	DE SUL	WILL MO.			RECORDS	ACCIDEN	TS PERCEN
BIRD STRIKE							
STALL	10 10				20	20	5.06
SPIN	4 -		•		4	4	. 1.01
SPIRAL	1		4		1	1	•25
MUSH	8 22			•	30	30	7.59
FIRE OR EXPLOSION							
IN FLIGHT	1 1		•		2	2	•51
ON GROUND							
AIRFRAME FAILURE	·•						
IN FLIGHT	2 4				6	6	1.52
ON GROUND	1				1	1	•25
ENGINE TEARAWAY							
ENGINE FAILURE OR MALFUNCTION	. 17 92				109	109	. 27.59
PROPELLER/ROTOR FAILURE					F =		
PROPELLER	1 1				2	2	•51
TAIL ROTOR	1 2	•	•		3	3	•76
MAIN ROTOR	6				6	6	1.52
PROP ROTOR ACONT TO PERSON		•			*		
JET INTAKE/EXH ACONT TO PERS				· ·	-		
PROPELLER/JET/ROTOR BLAST			•	•			
TURBULENCE	2				2	2	•51
HAIL DAMAGE TO AIRCRAFT					:		
LIGHTNING STRIKE							
EVASIVE MANEUVER							
UNCONTROLLED ALT DEVIATION							
DITCHING							
MISSING ACFT NOT RECOVERED							
MISCELLANEOUS/OTHER							
UNDETERMINED			a.				
A Secretary of the Control of the Co					,		
RECORDS	120 273	2			395		
ACCIDENTS	120 273	2				395	
PERCENTS	_:30.4 69.1	•5			*		

FIRST PHASE OF OPERATION BY INJURY INDEX INJURY INDEX

ATIONAL PHASE	FATAL	3.	4	HON				•	RECORDS	ACC I,DE	
STATIC SHOUNE (S											
STARTING ENGINE/S										•	
IDLING ENGINE/S ENGINE RUNUP									. *		
				,					,		
IDLING ROTORS											
PARKED-ENGINES NOT OPERATING OTHER						*					
TAXI											
TO TAKEOFF				1					1	1	
FROM LANDING				•					_		
OTHER										•	
GROUND TAXI TO TAKEDFF GROUND TAXI FROM LANDING											
GROUND TAXI, OTHER											
AERIAL TAXI TO TAKEOFF				•		•					
AERIAL TAXI TO/FROM LANDING									P		
											*
AERIAL TAXI. OTHER TAKEOFF										•	
RUN				13					13	13	3.
INITIAL CLIMB	,	3 .	5	49					58	58	14.
VERTICAL		_		3					3	3	
RUNNING (ROTORCRAFT/VTOL-STOL)							•				
ABORTED (FIXED-WING)			1	2					3	3	,
ABORTED (ROTORCRAFT/VTOL)											
ABORTED (ROTORCRAFT/STOL)									•		٠
OTHER		•									
INFLIGHT											
CLIMB TO CRUISE	1	1	1	1					4	4	. 1
NORMAL CRUISE	3.	3	3	7					16	16	4
DESCENDING	1								•		
HOLDING (IFR)											
HOVERING				. 1					1	1	,
POWER-ON DESCENT (ROTORCRAFT)		1							1	1	
AUTOROTATIVE DESCENT		-									•
ACROBATICS	1						•		1	1	_

FIRST PHASE OF OPERATION BY INJURY INDEX INJURY INDEX

FIRST OPERATIONAL PHASE	ૡ	PIR	ERIOUS	A IN P	ONE	RECORDS	S ACCIDEN	ITS PERCENT
UNCONTROLLED DESCENT								
EMERGENCY DESCENT						•		
LOW PASS	1					1	1	•25
OTHER		1				1	1	.25
EN ROUTE TO TREAT CROP	1	5	1	5		12-	12	3.04
EN ROUTE TO RELOADING AREA	1		2	4		7	7 .	1.77
SURVEY FIELD/AREA	1	1	2	·3	•	. 7	7	.1.77
STARTING SWATH RUN	٠ 4	3	5	12		24	24	6.08
SWATH RUN	3	15	20	36		74	74	18.73
FLAREOUT FOR SWATH RUN	1	1	1	5		8	8	2.03
PULLUP FROM SWATH RUN	4	7	12	13		. 36	36	9.11
PROCEDURE TURNAROUND	3	11	12	33		59	59	14.94
CLEANUP SWATH		1	2	٠ 4		7 .	· 7·	. 1.77
MANEUVER TO AVOID OBSTRUCTION				1		1	1	.25
RETURN TO STRIP	. 1		2	4		7	7	1.77
LANDING	•							
TRAFFIC PATTERN-CIRCLING	1			1		2	2	.51
FINAL APPROACH (VFR)				4		, 4	4	1.01
INITIAL APPROACH								
FINAL APPROACH (IFR)								
LEVEL OFF/TOUCHDOWN			1	9		10	10	2.53
ROLL (FIXED WING)			4	26		30	30	7.59
ROLL-ON/RUN-ON (ROTORCRAFT)				1	·	1	i	.25
POWER-ON LANDING (ROTORCRAFT)			1	1		2	2	•51
POWER-OFF AUTOROTATIVE LDG								
GO-AROUND (VFR)				1		1	1	.25
MISSED APPROACH (IFR)								
OTHER					·			
UNKNOWN/NOT REPORTED							•	
								
RECORDS	27	53	75	240		395		
ACCIDENTS	27	53	75	240		i	395	
PERCENTS	6.8	13.4	19.0	60.8				

KIND OF OPERATION BY AIRCRAFT TYPE

AIRCRAFT TYPE

	ر بورا	15 15							
KIND OF OPERATION	est.	- Xel					RECORDS	ACCIDEN	TS PERCENT
TO/FROM CROP AREA - OPERATION HINK	54	. 15	,				69	6,9	17.47
DUSTING CROPS	12	3					15	15	3.80
DUSTING	2						2 .	2	•51
SEEDING CROPS	7				•		7	7	1.77
SEEDING FORESTS									
FERTILIZING (DUST)	34	1					35	35	8.86
FERTILIZING (LIQUID)	14	4					18	18	4.56
DEFOLIATION (DUST)	. 4						,4	4	1.01
DEFOLIATION (LIQUID)	14	5					19	19	4.81
SPRAYING CROPS	150	43					193	193	48.86
SPRAYING FORESTS	1						1	1	. 25
SPRAYING TOWNS		1 .					1	1	.25
AGITATING TREES .				·					
ANTI-FROST OPERATE S									
KNOCKING FRUIT OFF TREES									
CK CROPS/TREES/OBSTRUCTIONS	. 2						2	2	.51
CHASING BIRDS									
TEST	1	1			•		2	2	•51
FERRY	12	1					13	13	3.29
PRACTICE	3						3	3	•76
OTHER	7	1					8	8	2.03
UNKNOWN/NOT REPORTED	3						3	3	.76
RECORDS	320	75					395		
ACCIDENTS	320	75						395	
PERCENTS	81.0	19.0							

KIND OF OPERATION BY INJURY INDEX

INJURY INDEX

		ARLSER	FIOUS	HO8 0.	¥e							
KIND OF OPERATION	48	- 56	4	<u>, 4</u> 0					RECOR	DS ACCIDE	NTS PERC	ENT
TO/FROM CROP AREA - OPERATION UNK	. 8	2	9	50					69	69	17.47	
DUSTING CROPS	. 1	1	6	7		٠			15	15	3.80	
DUSTING		1		1			•		2	. 2.	•51	
SEEDING CROPS	1	1	1	4					7	7	1.77	
SEEDING FORESTS												
FERTILIZING (DUST)	2	4	4	25					35	35	8.86	
FERTILIZING (LIQUID)	2		3	13		•			18	18	4.56	
DEFOLIATION (DUST)	1			3					4	4	1.01	
DEFOLIATION (LIQUID)	• •	5	3	11					19	19	4.81	
SPRAYING CROPS	11	32	44	106					193	193	48.86	
SPRAYING FORESTS				1					1	1	•25	
SPRAYING TOWNS		1							1	1	•25	
AGITATING TREES												
ANTI-FROST OPERATIONS												
KNOCKING FRUIT OFF TREES												
CK CROPS/TREES/OBSTRUCTIONS	1			1					2	2	•51	
CHASING BIRDS												
TEST			1	1		•	,		2	2	•51	•
FERRY		2	. 1	10			•		13	13	3.29	
PRACTICE		1	1	1					3	3	.76	•
OTHER		1	1	6					8	8	2.03	
UNKNOWN/NOT REPORTED		2	1						3	3	•76	
										•		
DECORDS	27	53	75	240					205			
RECORDS .	. 27			240					395	395		
ACCIDENTS .	. 27	53	75	240.			•			345		
PERCENTS	6.8	13.4	14.0	60.8								

KIND OF CROP BY AERIAL APPLICATION PHASE OF OPERATION .

PHASE OF OPERATION

				PI	HASE (OF OPE	RATIO)N						
	• .		ربردا	Place	A STH QUE	a Reput	O Page Sept Sept Sept Sept Sept Sept Sept Sep	SHATH OF	AMP CHARACTER	a stage				
	• .	ر _م	ن ^{م `} ر	PLIME .	(4 °)	PEUII.	is Suc	EUIL 6	AMIR	έδ ₋ .				
CIND OF CROP CONTROL		- 2 0.	5	۶,	4 ^{\(\)}	60.	./ Q4	- 0	· 0,	•	•	RECORDS	ACCIDE	NTS PERCEN
NONE		4		1		3	1		68			77	77	19.49
BEANS		1	8	10	4	11	2	2	13			51	51	12.91
CLOVER									1			1	1	. 25
CORN			3	, 3	1	3	2		8	•		20	20	5.06
COTTON		1	1	10		. 3	8		11			34	34	8.61
FLAX														
FOREST-TREES						1			3,			. 4	4	1.01
FRUIT ORCHARDS	•			1		. 1	1		5			8	8 .	2.03
GRAPES				2					2			4	4	1.01
GRAIN FIELDS			4	18	1	5	15	2	19	•		64	. 64	16.20
LETTUCE				. 3							•	3	3	.76
MESQUITE									1	· ·		1	1	•25
MOSQUITO CONTROL														
PASTURE				2		1	3.		4	•		10	10 .	2.53
PEAS				1	•	1			1			3	ͺ3	.76
POTATOES			2	3	• •		1		7			13	13	3.29
RICE .			2	8	1	2	9	1	14	•		37	37	9.37
SAGE														
SPINACH								1				1	1	.25
STRAWBERRIES														
TOBACCO													•	
TOMATRES				1	•		1		1			3	3	.76
OTHER			3	. 10	1	3	15	1	13			46	46	11.65
UNKNOWN/NOT REPORTED		1	1	1		2	1		9			15	15	3.80
1														
RECORDS		7.	24	74	. 8	36	59	7	180			. 395	İ	
ACCIDENTS	•	7	24	74	8	36	59		180				395	
PERCENTS		1.8		18.7	2.0		14.9							
	1,000													

SHOULDER HARNESS BY INJURY INDEX

INJURY INDEX

SHOULDER HARNESS	KAT	AL SERI	WIN	40H			RECOR	DS ACCIDE	NTS PERCENT
•									
INSTALLED-USED-HELD ON IMPACT	7	23	21	50			101	101	25.57
INSTI-USED-FAILED ON IMPACT	1	1	2				4	4	1.01
INSTALLED-NOT USED	. 2	2			• . •		4	4 .	1.01
NOT INSTALLED			1	2			3	3	. 76
INSTALLED-USED NOT LOCKED	•		1				1	1	. 25
UNKNOWN/NOT REPORTED	17	27	50	188			282	282	71.39
					, , , , , , , , , , , , , , , , , , ,		,		
				24.5		•	395		
RECORDS	27	53	75	240			7,9,5	•	
ACCIDENTS	27	. 53	75	240				395	
PERCENTS	6.8	13.4	19.0	60.8		•			

ANALYTIC TABLE

SEAT RELT BY INJURY INDEX

INJURY INDEX

		10	E CO.	, '4	0 '04,								
SE	AT BELT	44	Se	W,	4			•	•		RECORDS	ACCIDE	NTS PERCENT
				-									
-	NOT FASTENED			1	5	•					6	. 6	1.52
	FASTENED-PROPERLY	11	28	28	55						122	122	30.89
	FASTENED-LOOSELY								•				
	FAILED ON IMPACT	1	1	1		• .		•			3	3	.76
	UNK/NR	15	24	45	180						264	264	66.83
							1						1
	· · · · · · · · · · · · · · · · · · ·									, .			
	RECORDS	27	53	75	240						395		
	ACCIDENTS	27	53	75	240				•			395	
-,	PERCENTS	6.8	13.4	19.0	60.8							•	

U.S. GENERAL AVIATION ACCIDENTS AERIAL APPLICATION OPERATIONS

1979

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES

395 TOTAL ACCIDENTS

INVOLVES

27 FATAL ACCIDENTS

					FAT	AL ACCID	ENTS	NONFA	TAL ACCI	DENTS	AL	LACCIDE	NTS
	BROAD CAUSE/FACT	TOR			CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*
	PILOT				23 85.19	1 3.70	23 85•19	260 70•65	16 4,35	263 71.47	283 71.65	17 4.30	286 72•41
	PERSONNEL		¥		2 7.41	•00	2 7.41	22 5•98	3 •82	25 6.79	24 6•08	3 •76	27 6.84
	AIRFRAME			-	.00	•00	.00	•00	1 •27	1 •27	•00	1 •25	1 •25
	LANDING GEAR		٠		•00	•00	•00	12 3•26	1 •27	13 3,53	- 12 3.04	1 •25	13 3.29
. P.	POWERPLANT				•00	•00	•00	75 20•38	5 1.36	80 21.74	75 18.99	5 1.27	80 20.25
PAGE 11	SYSTEMS	. ·			•00	•00	.00	2 •54	•00	.54	2 •51	•00	2 •51
	INSTRUMENTS/EQUIP	PMENT & ACCESSO	RIES	•	 •00	•00	.00	1 • 27	•00	1 •27	1 •25	•00	1 •25
****	ROTORCRAFT			•	. 2 7.41	•00	2 7.41	13 3.53	.00	13 3.53	15 3.80	•00	15 3.80
	AIR-PORT/AIRWAYS/F	ACILITIES			•00	•00	.00	2 •54	16 4.35	18 4.89	2 •51	16 4.05	18 4.56
	WEATHER				•00	1 3.70	1 3.70	2 • 54	38 10.33	39 10.60	2 •51	39 9.87	40 10.13
	TERRAIN				•00	7 25•93	7 25.93	18 4.89	.95 25.82	113 30.71	18 4.56	102 25.82	120 30.38
	MISCELLANEOUS				00	•00	•00	13 3.53	4 1.09	17 4.62	13 3.29	4 1.01	17 4.30
	UNDETERMINED '				3 11.11	•00	3 11.11	4 1.09	.00	4 1.09	7 1.77	•00	7 1.77

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

U.S. GENERAL AVIATION ACCIDENTS AERIAL APPLICATION OPERATIONS

1979

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES

395 TOTAL ACCIDENTS

INVOLVES

27 FATAL ACCIDENTS

	FAT	AL ACCIO	DENTS	NONF A	TAL ACCI	DENTS	ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	FAC TOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS DELAYED ACTION IN ABORTING TAKEOFF DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT FAILED TO SEE AND AVOID OTHER AIRCRAFT FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FAILED TO OBTAIN/MAINTAIN FLYING SPEED MISJUDGEO, SPEED, ALTITUDE OR CLEARANCE FAILED TO MAINTAIN ADEQUATE ROTOR RPM FAILED TO MAINTAIN OF POWERPLANT + POWERPLANT CONTROLS IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS IMPROPER OPERATION OF FORERPLANT + POWERPLANT CONTROLS IMPROPER OPERATION OF FIGHT CONTROLS IMPROPER OPERATION OF FIGHT CONTROLS PREMATURE LIFT OFF IMPROPER IN-FLIGHT DECISIONS OR PLANNING IMPROPER LEVEL OFF IMPROPER LEVEL OFF IMPROPER COMPENSATION FOR WIND CONDITIONS INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING LACK OF FAMILIARITY WITH AIRCRAFT MISMANAGEMENT OF FUEL SELECTED UNSUITABLE TERRAIN IMPROPER STARTING PROCEDURES INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS MISJUDGED DISTANCE, SPEED, AND ALTITUDE MISJUDGED DISTANCE AND SPEED MISJUDGED DISTANCE AND ALTITUDE MISJUDGED SPEED AND ALTITUDE MISJUDGED SPEED AND ALTITUDE MISJUDGED SPEED AND ALTITUDE MISJUDGED SPEED AND CLEARANCE MISJUDGED SPEED AND CLEARANCE MISJUDGED SPEED AND CLEARANCE MISJUDGED SPEED AND CLEARANCE MISJUDGED CLEARANCE PHYSICAL IMPAIRMENT MISUSED OR FAILED TO USE FLAPS FAILED TO MAINTAIN DIRECTIONAL CONTROL SELECTED WOONG RUNWAY RELATIVE TO EXISTING WIND FAILED TO ABORT TAKEOFF FAILED TO INITIATE GO-AROUND	1 5 6 1 1	1	1 5 6 1 1 1 1 1 1 1 3 5 5	2 1 2 5 1 54 50 15 1 4 9 1 4 2 4 3 3 5 2 1 1 2 1 2 4 2 1 2 1 2 1 2 1 1 2 1 2 1	1 1 1 6 1 1 1	2 1 2 6 1 5 4 5 5 0 1 5 2 4 9 1 4 4 2 5 4 4 1 1 2 1 3 1 2 4 2 1 2 1 3 1 4 5 7 3 1 6 3 7 1	2 1 2 5 5 5 5 6 1 1 5 1 4 9 2 4 4 2 5 3 3 6 2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 2 6 2 5 9 5 6 1 5 3 4 9 2 4 2 6 4 4 2 1 2 1 1 2 1 2 1 2 1 1 3 7 5 2 3 1 6 3 7 1
SUBTOTAL	25	1	26	304	17	321	329	18	347
** PERSONNEL **								* *	
RULES, REGULATIONS, STANDARDS PERSONNEL FLIGHT INSTRUCTOR MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) IMPROPER MAINTENANCE (OWNER PERSONNEL) IMPROPERLY SERVICED AIRCRAFT (GROUND CREW) INADEQUATE MAINTENANCE AND INSPECTION OTHER OPERATIONAL SUPERVISORY PERSONNEL WEATHER PERSONNEL AIRPORT SUPERVISORY PERSONNEL AIRPORT SUPERVISORY PERSONNEL AIRWAYS FACILITIES PERSONNEL PRODUCTION—DESIGN—PERSONNEL	1		. 1	7 1 1 7 2	1	7 1 1 8 2	, 7. 1 1 8 2	1	7 1 1 9 2
MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT			1		13 •		2		
FILOT OF OTHER ATROKAFT	1		1	1		1	۷.,	*.	2

PERSONNEL (CONTINUED)

PERSONNEL TOURT MOLOT			FAT	AL ACCIO	ENTS	NONE A	TAL ACCI	DENTS	AL	L ACCIDE	ENTS
DETAILED CAUSE/FACTOR			CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
GROUND SIGNALMAN							1	1		1	1
GROUND CREWMAN						1	1	2	1		2
DRIVER OF VEHICLE THIRD PILOT						2		2	2		2
FLIGHT ENGINEER											
FLIGHT PERSONNEL DISPATCHING (AIR CARRIER ONLY)											
DISPAICHING (AIR CARRIER UNLT)									•		
SUBTOTAL			2		2	22	3	25	24	3	27
** AIRFRAME **					•						
WINGS											
FUSELAGE SEATS	•						,				
LANDING GEAR							1	1	-	_ 1	_ 1
MAIN GEAR-SHOCK ABSORBING ASSY.	STRUTS, ATTACHM	ENTS. ETC				3		3	3	•	3
TAILWHEEL ASSEMBLIES Wheels, Tires, Axles						1		1 3	1 3		1 3
BRAKING SYSTEM (NORMAL)				•		5	1	6	5	. 1	6
FLIGHT CONTROL SURFACES											
SUBTOTAL					•	12	2	14	12.	~ <u>2</u>	14
SUBTUTAL						. 12	2	1-+	12.	2	14
** POWERPLANT **										-	
ENGINE STRUCTURE											
MASTER AND CONNECTING RODS						2		2	2		2
. CYLINDER ASSEMBLY	•					11		11	11		11
PISTON, PISTON RINGS						1		1	1 .		1
VALVE ASSEMBLIES BLOWER, IMPELLER ASSEMBLY						6		6 4	6 4		6 4
OTHER	•					ż		2	2		2
IGNITION SYSTEM									,		
MAGNETOES Spark plug						2		4 2	4 '2		4 2
FUEL SYSTEM						-					-
LINES AND FITTINGS						1		1	1		1
CARBURETOR PUMPS				•		1		1	4 1		1
VENTS, DRAINS, TANK CAPS	-	No. of the		•		i		i	i		i
LUBRICATING SYSTEM					•						
LINES, HOSES, FITTINGS OTHER						1		1 1	1 1		1 1
COOLING SYSTEM						•		•	•		
PROPELLER AND ACCESSORIES											
HYDRAULIC PITCH CONTROL MECHANI GOVERNORS	3 Ħ					1 2		1 2	1 2		1 2
EXHAUST SYSTEM						_		-			-
MUFFLERS						1		1	1		1
ENGINE ACCESSORIES ENGINE CONTROLS											
POWERPLANT-INSTRUMENTS											
FUEL QUANTITY GAUGE							4	4	•	4	4
FUEL FLOW INDICATOR MISCELLANEOUS							1	1		1	1
POWERPLANT FAILURE FOR UNDETERM	INED REASONS					30		30	30		30
DETONATION						, 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 PROPELLER SYSTEM											
CONSTANT SPEED DRIVE	,										
POWER LEVER											
PROPELLER LEVER REVERSE THRUST LEVER	•										

									•	
POWERPLANT (CONTINUED)			AL ACCID			ATAL ACCI		AL	L ACCIDE	NTS
DETAILED CAUSE/FACTOR		CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FAC TOR	TOTAL
ENGINE INDICATING EQUIPMENT ENGINE INSTALLATION										
SUBTOTAL					76	5	81	76	5	81
** SYSTEMS **										
ELECTRICAL SYSTEM										
HYDRAULIC SYSTEM SEALS					1	•	1	1		1
FLIGHT CONTROL SYSTEMS AILERON AND AILERON TAB CONTROL SYSTEM ANTI-ICING, DE-ICING SYSTEMS AIR CONDITION, HEATING AND PRESSURIZATION AUTO PILOT FIRE WARNING SYSTEM FIRE EXTINGUISHER SYSTEM DXYGEN SYSTEM					1	* - ¥	1	1		1
OTHER SYSTEMS										
SUBŢOTAL					. 2		2	2		2
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **	·									
FLIGHT AND NAVIGATION INSTRUMENTS COMMUNICATIONS AND NAVIGATION EQUIPMENT MISCELLANEOUS EQUIPMENT SPRAY. DUSTING EQUIPMENT			•		1		1	1		1
SUBTOTAL					1		1	1		1
** ROTORCRAFT **										
ROTOR ASSEMBLIES MAIN ROTOR BLADES TAIL ROTOR BLADES					. 1	,	1 2	1 2		1 2
MAIN ROTOR HEAD ASSEMBLIES UNIVERSAL JOINTS, COUPLINGS OTHER					. 2 . 1 1		2 1 1	2 1 1		2 1 1
TRANSMISSION ROTOR DRIVE SYSTEM ENGINE DRIVE SHAFT					1		1	1		1
MAIN ROTOR BRAKE ASSEMBLY TAIL ROTOR DRIVE SHAFT ASSEMBLY OTHER					1 1 2		1 1 2	1 1 2		1 1 2
FLIGHT CONTROL SYSTEMS CYCLIC PITCH CONTROL SYSTEM		. 1		1	_			1		1
TAIL ROTOR PITCH CONTROL SYSTEM MISCELLANEOUS UNITS AND ASSEMBLIES		-			. 1		1	î		ĩ
OTHER		1		1				1		1
SUBTOTAL		2	÷	2	13		13	15		15
** AIRPORTS/AIRWAYS/FACILITIES **										
AIRPORT FACILITIES AIRPORT CONDITIONS									•	
WET RUNWAY UNMARKED OBSTRUCTIONS					. 1	5 1	6 1	1,	5 1	6 1
SOFT SHOULDERS (RUNWAY) HIGH VEGETATION					1	1 2	1	.1 '	1 2	1
HIDDEN HAZARD PROBRLY MAINTAINED RUNWAY SURFACE					•	1 2	1 2		1 2	1 2
SOFT RUNWAY OTHER						5	5	·	5	5
AIRWAYS FACILITIES						ą.	5			٠.
SUBTOTAL					2	20	. 22	2	20	22
** WEATHER **	•									
LOW CEILING Rain						1 2	. 1 2		1 2	1 2
FOG CONDITIONS CONDUCIVE TO CARB/INDUCTION SYS	STEM ICING					1	1		1	1
UNFAVORABLE WIND CONDITIONS WIND SHEAR						. 11	11 3		11 3	11

WEATHER (CONTINUED)	FAT	AL ACCID	ENTS		TAL ACCI		AL	L ACCIDE	NTS
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL .	CAUSE	FAC TOR	TOTAL	CAUSE	FACTOR	TOTAL
DOWNDRAFTS. UPDRAFTS LOCAL WHIRLWIND HIGH TEMPERATURE HIGH DENSITY ALTITUDE THUNDERSTORM ACTIVITY		1	1	2	9 1 1 8 2	9 3 1 8 2	2	9 1 1 9 2	9 3 1 9
SUBTOTAL		. 1	1	2	43	45	2	44	46
** TERRAIN **									
WET, SOFT GROUND HIGH VEGETATION HIDDEN OBSTRUCTIONS ROUGH/UNEVEN HIGH OBSTRUCTIONS OTHER		. 7	7	2 4 6 5 1	22 18 2 10 43 2	24 22 2 16 48 3	2 4 6 5 1	22 18 2 10 50	24 22 2 16 55 3
SUBTOTAL	٠	7	7	18	97	115	18	104	122
** MISCELLANEOUS **									
SMOKE IN COCKPIT FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS UNDETERMINED VORTEX TURBULENCE ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP EVASIVE MANEUVER TO AVOID COLLISION	3		3	2. 2 4 3 2 5	. 1	3 2 4 3 2 8	2 2 7 3 2 5	3	3 2 7 3 2 8
SUBTOTAL	3	•	3	18	4	22	21	. 4	25
GRAND TOTAL	32	9	41	470	191	661	502	200	702
** MISCELLANEOUS ACTS, CONDITIONS **									
FIRE OF UNDETERMINED ORIGIN LEAK/LEAKAGE LOW FLUID LEVEL LOW COMPRESSION RUNWAY CLOSED DOWNWIND CARBON DEPOSITS LANDED IN CONSTRUCTION AREA LODSE, PART/FITTING GROUND RESONANCE BURST DISCONNECTED EXCESSIVE—WEAR/PLAY ERRATIC FRAYED IMPROPERLY INSTALLED PRESSURE TOO LOW SHEARED STRIPPED STUCK VIBRATION, EXCESSIVE LOAD NOT JETTISONED INTENTIONAL GROUND—WATER LOOP—SWERVE INTENTIONAL WHEELS UP RAN OFF END OF RUNWAY ANTI—ICING/DEICING EQUIP—IMPROPER OPER. OF/FAILED TO USE DISREGARD OF GOOD OPERATING PRACTICE NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA UNWARRANTED LOW-FLYING INATIENTIVE TO FUEL SUPPLY POORLY PLANNED APPROACH	1	2	2	2 6 2 1 4 1 1 1 1 1 1	2 1 3 1 1 2 2 9 1 2	2 4 1 1 1 2 1 6 1 2 1 4 2 1 4 1 1 1 2 2 1 2 1 1 1 1 2 1 2	4 1 2 6 2 2 4 1 1 1 1 1 1 1 1 1	2 1 1 3 1 1 2 2 9 1 2 1 2	2 4 1 1 1 3 2 1 6 1 2 2 4 2 1 1 1 1 2 3 9 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 2 1
MISCALCULATED FUEL CONSUMPTION JETTISONED LOAD IMPROPERLY SECURED ENGINE LOADED UP FATIGUE FRACTURE WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION WRONG PART IMPROPER ALIGNMENT/ADJUSTMENT FAILURE OF TWO DR MORE ENGINES SEPARATION IN FLIGHT	1	. 1	1	3 1 5 1 1 2	6	4 11 1 5 7 1 3 1	3 1 1 5 1 1 2	6	11 2 1 5 7 1 3 1

ISCELLANEOUS ACTS, CONDITIONS (CONTINUED)	•	FAT	AL ACCID	ENTS	NONE A	TAL ACCI	DENTS	AL	L ACCIDE	NTS
DETAILED CAUSE/FACTOR	·	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FAC TOR	TOTAL
FIRE IN CABIN/ COCKPIT/ BAGGAGE COMPARTMENT						1	1		1	1
FIRE IN ENGINE						i i	í		î	î
CORRODED/CORROSION					3	_	3	3	-	3
PILOT FATIGUE						2	2		2	2
FUEL EXHAUSTION					22	_	22	22	_	22
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL					2		2	2		-2
ICE-CARBURETOR					1		1	1		1
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG	* * *		1.		1	3	4	ī	3	4
SUNGLARE			. 2	2	1	11	12	1	13	14
OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM					1	1	2	ī	1	2
OIL CONTAMINATION					. 1		1	1	-	1
WATER IN FUEL					9		9	9		9
AIRCRAFT CAME TO REST IN WATER						4	4		4	4
MISSING					3		3	3		3
OVERLOAD FAILURE					. 1	12	13	1	12	13
MATERIAL FAILURE		•			37		37	37		37
FUEL STARVATION					2		2	2		. 2

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

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE	AIRCRAF	Т		AIRCRAF	Т	INJURY
NUMBER	REGIST.	DATE	LOCATION	MAKE	MODEL	INDEX
3 2391	N86632	100279	BELZONI, MS	BELLANCA	7GCAA	NONE
3 1959	N7686S	081779	SYCAMORE, SC	BELLANCA	8GC BC	NONE
3 2032	N7893B	061979	KERMAN, CA	BELL	476-2	NONE
3 2058	N38105	082179	NEHRENBERG, AZ	BELL	M-74	NONE
3 2659	N6356X	071879	NEMBLER.OR	BELL	47G	MINOR
3 2465	N908B	090179	NHAHIRA, GA	BELL	47D1	NONE
3 1752	N4423	052379	NPIQUA,OH	BELL	476-2	MINOR
3 1791	N2817B	080279	SALINAS.CA	BELL	47G-2A	NONE
3 1957	N4227A	060879	PARCHMAN, MS	BELL	47 D	NONE
3 2232	N51847	072079	SOLITUDE, IN	TEXAS HELI	OH-13	FATAL
3 0478	N9001T	030279	NSHAFTER, CA	BELL	0H13H	FATAL
3 0682	N73979	050679	WEATHERLY, PA	BELL	47G	SERIOUS
3 0825	N991B	051479	AL AMO,TX	BELL	47G2	MINOR
3 1049	N51849	061579	NNAPA,CA	BELL	0H-13H	NONE
3 1099	N68367	052579	SALINAS.CA	BELL	47 - G2	MINOR
3 1285	N3550	061979	EARLE • AR	BELL	47G - 2	NONE
3 1270	N9099T	071079	LAMBERT, MS	TOMCAT	MK-5A	NONE
3 1417	N38092	072879	PLAUCHEVILLE, LA	BELL	47WASP	NONE
3 1397	N59326	061979	HANOVER.PA	BELL	470-1	MINOR
3 1553	N85Z	070379	NANTHON, IA	BELL	47-62	NONE

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE NUMBER	AIRCRAF REGIST.	T DATE	LOCATION	AIRCRAF MAKE	MODEL	INJURY INDEX
3 1645	N9044T	051579	MOSES LAKE, WA	EL TOMCAT	MK5A	NONE
3 3187	N36015	072979	ENTERPRISE, AL	BELL	47 - D1	NONE
3 2773	N5783	092379	NGREENFIELD.CA	BELL	47G2	NONE
3 3279	N72487	080379	GREELEY.CO	BELL . \	47 G	MINOR
3 3477	N13PL	082079	KENTUCK, WV	BELL	47G-4A	NONE
3 3484	N8593F	070679	JAMESPORT.NY	BELL	47G-5	FATAL
3 2740	N8471E	092579	NPIERSON • I A	BELL	47G-3B	SERIOUS
3 1423	N166	073179	NPLAUCHEVILLE.LA	BELL	47G-2A	NONE
3 1222	N1150W	062979	MANVEL.TX	BELL	47G-4	NONE
3 1191	N73872	042479	FALLBROOK.CA	BELL	47G-2A	NONE
3 0798	N1150W	042479	ALVIN, TX	BELL	47-G4	SERIOUS
3 0668	N6712D	042679	NWENATCHEE, WA	BELL	47G-3B	NONE
3 0735	N6327D	040279	GUADALUPE • CA	BELL	47G2M	NONE
3 0598	N7829S	050679	NEWHALL, CA	BELL	47G3B1	MINOR
3 2278	N7575	060379	CARROLLTON, OH	BELL	47G-2A	SERIOUS
3 2092	N49882	042479	NPALATKA, FL	BELL	47G3	SERIOUS
3 1772	N4734S	081679	NHART,MI	BELL	47G-2	NONE
3 2010	N7914S	070679	NESCONDIDO.CA	BELL	476-5	SERIOUS
3 1286	N707FW	060179	CHERRY VALLEY.AR	BELL	204	NONE
3 1207	N59520	051879	NISLAND CITY.OR	BELL	206B	MINOR

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE NUMBER	AIRCRAF	T DATE	LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX
3 1432	N66053	061579	KINNEAR+WY	BOEING	A75-N1	NONE
3 1424	N4440N	082379	NTALLULAH. LA	BOEING	A75N1	NONE
3 1369	N75360	072179	EFFINGHAM.KS	BOEING	Δ75	NONE
3 2020	N69652	060579	NHANFORD.CA	BOEING	Δ75	NONE
3 2193	N63804	091379	SHREVEPORT.LA	BOEING	PT-17	NONE
3 2089	N5506A	071779	SUMMERFIELD.FL	BOEING	Δ75	NONE
3 2240	N3975B	073179	ERIE.IL	BOEING	E-75N1	MINOR
3 2684	N53165	091279	CADE . LA	BOEING	A75N1	NONE
3 2621	N75939	110179	CRYSTAL CITY,TX	BOEING	B75N1	NONE
3 0596	N52068	041979	MADERA • CA	BOEING	Δ75	NONE
3 0821	N65368	0,52879	HOLMWOOD.LA	BOEING	75	MINOR
3 0920	N65573	052579	NK AMI AH • ID	BOEING	B75N1	FATAL
3 0931	N1013M	060779	BEAUMONT,TX	BOEING	A-75N1	NONE
3 0974	N53084	060479	DEETH.NV	STEARMAN	75	NONE
3 0147	N68250	02,2779	NMANTECA + CA	BOEING	A-75	SERIOUS
3 2902	N686W	110879	NPAICINES.CA	BOEING	A75N1	FATAL
3 3218	N62559	081179	AUSTIN.MN	BOEING	Δ75	SERIOUS
3 1816	N2283U	072379	FLANAGAN.IL	BRANTLY	B-2B	NONE
3 1858	N7224V	071979	NSHAFTER . CA	CALLAIR	Δ-9	FATAL
3 2432	·N7919V	081679	NBURNEY • CA	AERO COMNDR	A-9B	FATAL

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE NUMBER	AIRCRAF	T DATE	LOCATION	AIRCRAF MAKE	MODEL	INJURY INDEX
3 2056	N3582G	091179	NJOHNSONVILLE.SC	CALLAIR	Δ-9	NONE
3 1989	N7223V	090279	NGRANDVIEW, ID	CALLAIR	Δ-9	SERIOUS
3 2796	N 7 923V	060579	JUNCTION.UT	ROCKWELL	A9 B	NONE
3 3430	N8267H	110679	GREENEVILLE, TN	CALLAIR	A-9	NONE
3 3646	N8412V	081479	MCRAE .GA	CALLAIR	Δ9Δ	MINOR
3 0217	N671W	022779	DEERFIELD.MO	CALLAIR	A9-B	NONE
3 0239	N7684V	030179	NHEMET + CA	AERO COMDR	A-9B	SERIOUS
3 1032	N8294H	071279	KIMBALL•NE	CALLAIR	Δ-9	NONE
3 1033	N8259H	042979	NDAYTON,WA	CALLAIR	Δ-9	FATAL
3 0817	N9620Z	042979	NEWCASTLE, TX	CALLAIR	A-9	MINOR
3 1379	N7205V	080179	NMT.HOME.ID	CALLAIR	Δ-9	FATAL
3 1141	N7766V	060279	YATES CENTER•KS	CALLAIR	A-9B	FATAL
3 1344	N8286H	072479	HAMMETT.ID	CALLAIR	Δ-9	MINOR
3 1352	N26LM	060879	FOSSTON.MN	CESSNA	175	MINOR
3 1355	N8131V	071579	BASSETT.NE	CESSNA	1884	NONE
3 1358	N2172J	070579	GARSKY, ND	CESSNA	A188B	NONE
3 1359	N4807R	051879	NHUNTLEY.NE	CESSNA	188	NONE
3 1346	N8225G	062979	NABERDEEN.ID	CESSNA	188	FATAL
3 1326	N731YL	082379	WABBASEKA.AR	CESSNA	A188B	NONE
3 1251	N731VY	060879	NBENTONIA, MS	CESSNA	188	NONE

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE NUMBER	AIRCRAFT	DATE -	LOCATION	AIRCRAI MAKE	MODEL	INJURY INDEX
3 1178	N48100	060979	NTOSTON, MT	CESSNA	188	NONE
3 1464	N4910R	070779	NLYMAN, MS	CESSNA	A188B	FATAL
3 1505	N21670	060379	MCCRORY + AR	CESSNA	188	NONE
3 1560	N48980	071779	NALGER, OH	CESSNA	A188B	MINOR
3 1648	N8017G	052979	NPATTER SON . WA	CESSNA	1888	SERIOUS
3 1632	N9845G	072079	NMATTAWA, WA	CESSNA	188B	MINOR
3 1628	N8904G	042079	EFFINGHAM, IL	CESSNA	A188B	MINOR
3 1657	N8239G	062879	NDONALDSON, MN	CESSNA	A188B	SERIOUS
3 1608	N9499R	072279	NYSSA+OR	CESSNA	188	NONE
3 1543	N2167J	061879	NCENTER • CO	CESSNA	T188C	SERIOUS
3 1552	N6299G	063079	DES MOINES.IA	CESSNA	A188	SERIOUS
3 1695	N1991J	061579	LOUISE.TX	CESSNA	188	NONE
3 1702	N4850R	071479	NOZONA•TX	CESSNA	A188	NONE
3 0835	N731AQ	050579	NEWMAN.CA	CESSNA	A188B	NONE
3 0642	N731 QD	042379	NEL CAMPO.TX	CESSNA	A188B	NONE
3 0667	N21622	050779	MINNEAPOLIS.KS	CESSNA	A188B	NONE
3 0863	N9451G	051279	FOX.OR	CESSNA	188B	NONE
3 0810	N4847R	041679	NTHOMPSONVILLE.IL	CESSNA	A188-B	NONE
3 0717	N79555	052679	BEEDEVILLE . AR	CESSNA	A188B	MINOR
3 0934	N8358G	052679	CUSHING.OK	CESSNA	A188B	NONE

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

	FILE	AIRCRAFT			AIRCRAFT		INJURY
<u>ا</u>	NUMBER	REGIST.	DATE	LOCATION	MAKE	MODEL	INDEX
3	0926	N53311	052479	NFALFURRIAS, TX	CESSNA	A188B	FATAL
3	0965	N9157G	060679	HANFORD, CA	CESSNA	188B	MINOR
3	0332	N70190	030979	NPECAN GAP.TX	CESSNA	188	NONE
3	0243	N731UA	012679	BRAWLEY, CA	CESSNA	1888	NONE
3	0219	N4724R	030379	NDINUBA, CA	CESSNA	A188B	NONE
3	0424	N8260G	030679	WINNSBORO, LA	CESSNA	A188B	NONE
3	0471	N21759	032179	NCARTER, MT	CESSNA	188	NONE
. 3	3653	N53374	111379	SABANA, PR	CESSNA	188	NONE ·
3	3806	N731UT	101979	NAL ACHUA, FL	CESSNA	A188B	SERIOUS
3	3415	N35320	081979	MERRITT, NC	CESSNA	A188	NONE
3	3247	N47810	090979	MONTE VISTA, CO	CESSNA	A188B	NONE
3	2897	N47220	112979	NCOURTLAND, CA	CESSNA	188	NONE
3	3199	N4800Q	081079	WAYNESBORO,GA	CESSNA	188B	SERIOUS
3	2913	N9583G	080779	CROCKETT, TX	CESSNA	A188B	NONE
3	3843	N18DS	090879	SIDON.MS	CESSNA	À188A	NONE
3	3841	N9709G	053179	GULLY . MN	CESSNA	188	NONE
3	2088	N731BQ	090679	NCRAWFORD, MS	CESSA	A188B	MINOR
3	2085	N84284	082479	NSHELBY, MS	CESSNA	A188B	NONE
3.	2074	N8179V	070279	PELHAM,GA	CESSNA	A188	NONE
3	2393	N731VL	082879	NNITTA YUMA, MS	CESSNA	A188B	MINOR

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE NUMBER	AIRCRAF REGIST.	T DATE	LOCATION	AIRCR MAKE	AFT MODEL	INJURY INDEX
					<u></u> es es es	
3 2392	N1586M	082079	NWATER VALLEY, MS	CESSNA	188	NONE
3 2180	N6443G	061579	CEDARVILLE, NJ	CESSNA	A188B	MINOR .
3 1969	N731EK	090479	GLEN ALLAN, MS	CESSNA	A188B	NONE
3 1968	N53196	082979	NSLEDGE, MS	CESSNA	A188B	NONE
3 1786	N70063	080779	NMODESTO + CA	CESSNA	188	SERIOUS
3 1778	N6679G	052579	BUSHNELL,FL	CESSNA	188B	NONE
3 2738	N2070J	072479	BELVIEW + MN	CESSNA	1887	MINOR
3 2642	N5627J	100679	NHOLTVILLE, CA	CESSNA	188	NONE
3 2557	N9869V	091879	HENRIETTA, TX	CESSNA	188	NONE
3 2559	N53200	101279	STANTON, TX	CESSNA	A188B	NONE
3 2516	N9448G	092479	VACHERIE • LA	CESSNA	188B	NONE
3 2699	N9275R	071279	HARTINGTON, NE	CESSNA	A188B	NONE
3 2766	N44650	063079	IOWA FALLS.IA	CESSNA	188B	SERIOUS
3 2695	N731CS	081479	ASHTON, SD	CESSNA	188B	NONE
3 2790	N740Y	071679	CROSSVILLE, TN	GRUMMAN	G-164	MINOR
3 2756	N13MZ	082979	NMASONVILLE.IA	GRUMMAN	G-164	NONE
3 1851	N9768	071779	YUBA CITY, CA	GRUMMAN	G-164A	NONE
3 1970	N48437	082779	NSUNFLOWER, MS	GRUMMAN	G-164A	NONE
3 1853	N6747Q	050379	NPOSTON, AZ	GRUMMAN	G-164B	NONE
3 2014	N6617K	061979	NBUTTONWILLOW, CA	GRUMMAN	G-164B	SERIOUS

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE NUMBER	AIRCRAF	T DATE	LOCATION	AIRCRA MAKE	FT MODEL	INJURY INDEX
3 1893	N7492	060179	NREHOBETH•AL	GRUMMAN	G-164A	MINOR
3 2024	N9866	062279	MERIDIAN.CA	GRUMMAN	G-164A	NONE
3 2026	N5358	052179	NCHICO.CA	GRUMMAN	G-164A	SERIOUS
3 1797	N6627	080179	NMERIDIAN.CA	GRUMMAN	G-164A	MINOR
3 1872	N6944K	091179	NMARION•AR	GRUMMAN	G-164B	MINOR
3 2038	N704Y	072479	TROWBRIDGE, CA	GRUMMAN	G-164	SERIOUS
3 2215	N66150	052379	NLA FERIA.TX	GRUMMAN	G-164B	MINOR
3 2253	N6703K	041879	SANDOVAL, IL	GRUMMAN	G-164B	NONE
3 2081	N5258	072679	NMINTER CITY, MS	GRUMMAN	G-164A	MINOR
3 2143	N4940	082479	HALE CENTER.TX	GRUMMAN	G-164A	MINOR
3 2080	N8707H	011279	NMOORE HAVEN,FL	GRUMMAN	G-164A	NONE
3 2084	N8673H	081379	NMADISON, MS	GRUMMAN	G-164A	NONE
3 2187	N66860	051679	FT.COBB.OK	GRUMMAN	G-164B	NONE
3 2192	N6890K	083079	NMONTEREY.LA	GRUMMAN	G-164B	NONE .
3 3208	N8571H	090779	NVERSAILLES, IN	GRUMMAN	G-164A	NONE
3 2898	N4728	121579	LEMOORE, CA	GRUMMAN	G-164A	NONE
3 2825	N5250	101779	MADERA • CA	GRUMMAN	G-164A	SERIOUS
3 3810	N621U	062879	NFITZGERALD.GA	GRUMMAN	G-164	NONE
3 3449	N9873	090479	GLOUSTER.VA	GRUMMAN	G-164A	NONE
3 3719	N617U	090179	NASHFORD.AL	GRUMMAN	G-164	NONE

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

١	FILE NUMBER	AIRCRAFT	DATE	LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX
						-	
3	3672	N5404	092979	NROLL, AZ	GRUMMAN	G-164A	SERIOUS
3	3842	N8768H	080279	RED LAKE FALLS.MN	GRUMMAN	G-164A	NONE
3	3633	N4593	100879	VINCENT, AL	GRUMMAN	G-164A	NONE
3	3531	N472Y	120879	NLOTT, TX	GRUMMAN	G-164	NONE
3	0500	N6527K	032479	WELSH.LA	GRUMMAN	G-164B	NONE
3	0627	N66420	051579	BAY CITY, TX	GRUMMAN	G-164A	MINOR
3	0498	N7849	032879	VILONIA.AR	GRUMMAN	G-164A	NONE
3	0618	N9679	051579	NDEWITT, AR	GRUMMAN	G - 164	MINOR
3	0610	N494Y	041679	CHURCH POINT+LA	GRUMMAN	G-164A	NONE
3	0524	N7936	030579	PLEASANT HILL, AL	GRUMMAN	G164A	NONE
3	0509	N6714K	031779	ROSHARON,TX	GRUMMAN	G-164B	NONE
3	0704	N8378	042579	DUMAS, AR	GRUMMAN	G-164A	NONE
·3	0709	N6603	052279	LAKE ARTHUR, LA	GRUMMAN	G-164A	NONE
3	0712	N8370	061179	PIGGOUT, AR	GRUMMAN	G-164A	NONE
3	0615	N972X	050579	PIGGOTT, AR	GRUMMAN	G-164A	SERIOUS
3	0729	N10264	041879	BURDETTE, AR	GRUMMAN	G - 164	NONE
3	0262	N6603	031579	LAKE ARTHUR, LA	GRUM AMER	G-164	NONE
3	0250	N7863	031479	RUMSEY, CA	GRUMMAN	G-164A	NONE
3	1096	N5379	060579	PINE ISLAND, LA	GRUMMAN	G-164A	NONE
3	1092	N8773H	062979	ARCOLA, TX	GRUMMAN	G-164A	NOŃE

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE NUMBER	AIRCRAF	T DATE	LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX
= = = = =						
3 1091	N8842H	061779	MOSCOW,KS	GRUMMAN	G-164A	NONE
3 0990	N641U	042979	NGRIMES . CA	GRUMMAN	G - 164	NONE
3 09.89	N5262	052279	KAPLAN, LA	GRUMMAN	G-164A	NONE
3 1117	N6942K	060579	NORBORNE, MO	GRUMMAN	G-164B	SERIOUS
3 0871	N927X	052579	LOS BANOS,CA	GRUMMAN	G164A	NONE
3 0768	N4573	041879	NLUCEDALE, MS	GRUMMAN	G164A	SERIOUS
3 0864	N5328	051979	DANBURY,TX	GRUMMAN	G-164A	MINOR
3 0891	Ν67530	050379	NBILLINGS, MT	GRUMMAN	G-164B	NONE
3 0802	N10212	040879	NGRIDLEY • CA	GRUMMAN	G-164A	SERIOUS
3 0840	N67460	051479	LONOKE • AR	GRUMMAN	G-164B	NONE
3 0777	N616Y	050979	NRICHVALE • CA	GRUMMAN	G-164	NONE
3-1670	N6659	040679	NCLEWISTON.FL	GRUMMAN	G-164A	FATAL
3 1714	N4598	061379	NRAYMONDVILLE.TX	GRUMMAN	G-164A	NONE
3 1616	N8499	080179	NRISCO.MO	GRUMMAN	G-164A	NONE
3 1613	· N 7 499	060979	NBELL CITY.MO	GRUMMAN	G-164A	SERIOUS
3 1621	N701Y	073179	NEELYVILLE, MO	GRUMMAN	G-164	NONE
3 1506	N7219	071979	NTICHNOR • AR	GRUMMAN	G-164A	NONE
3 1501	N4643	071379	NPOLLARD. AR	GRUMMAN	G-164A	NONE
3 1498	N6823K	080179	HUNTER • AR	GRUMMAN	G-164B	NONE
3 1509	N4563	080379	NAMAGON, AR	GRUMMAN	G-164B	NONE

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE NUMBER	AIRCRAF	T DATE	LOCATION	AIRCRAF MAKE	MODEL	INJURY INDEX
				•		
3 1516	N6589	072179	NRICHFIELD, UT	GRUMMAN	G-164A	NONE
3 1496	N5213	080279	GRIFFITHVILLE.AR	GRUMMAN	G-164	NONE
3 1445	N6604	041079	NNEWBERN , TN	GRUMMAN	G-164	NONE
3 1463	N8881H	071379	NBATESVILLE.MS	GRUMMAN	G-164A	NONE
3 1123	N66050	052679	NSYLVESTER • TX	GRUMMAN	G-164B	NONE
3 1126	N5334	050479	NMIDLAND.LA	GRUMMAN	G-164A	NONE
3 1124	N9514	060179	KAPLAN • LA	GRUMMAN	G-164A	NONE
3 1290	N9715	080679	NKENSETT, AR	GRUMMAN	G-164A	SERIOUS
3 1303	N67280	081179	BLYTHE, CA	GRUMMAN	G-164B	SERIOUS
3 1238	N6785K	062779	BONO + AR	GRUMAN	G-164	NONE
3 1330	N8699H	060879	NELTON, LA	GRUMMAN	G-164A	NONE
3 1414	N8685H	062679	NKINDER . LA	GRUMMAN	G∞164A	NONE
3 1329	N8384	041979	BASILE, LA	GRUMMAN	G-164A	NONE
3 1418	N8629H	051679	BASILE.LA	GRUMMAN	G-164A	NONE
3 1419	N6586	061879	BASILE.LA	GRUMMAN	G-164A	NONE
3 1347	N676U	071079	CLARENCE • MO	GRUMMAN	G=164A	NONE
3 1328	N9693	051679	LEBLANC ,LA	GRUMMAN	G164	NONE
3 3900	N405DF	091079	RAMONA • CA	GRUMMAN	TS-2A	FATAL
3 1160	N25SK	070379	NLEWISTON.ID	GRUMMAN	G-164A	SERIOUS
3 0285	N94731	022579	NBRENTWOOD • CA	HILLER	UH-12B	NONE

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE NUMBER	AIRCRAF	T DATE	LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX
					`	
3 1031	N48313	050179	NDREW, MS	HILLER	UH12D	MINOR
3 1487	N94AP	032279	NTULAROSA, NM	HILLER	UH-12D	MINOR
3 1321	N90478	080979	WAILUKU MAUI.HI	HILLER	12E	MINOR
3 1225	N67156	051979	LEXINGTON.OH	HILLER	UH-12E	NONE
3 1198	N87600	060879	NVERBENA • AL	HILLER	UH-12E	SERIOUS
3 1767	N161HA	051179	INDEPENDENCE + OR	HILLER ACET	UH-12E	NONE
3 1568	N65048	062979	NOUINCY, WA	HILLER ACFT	UH-12E	NONE
3 1077	N155HA	052379	NL I HUE • HI	HILLER ACFT	UH-12E	NONE
3 0467	N545HA	022379	NSPRINGFIELD.OR	HILLER ACFT	UH-12E	NONE
3 0576	N4027D	042779	GUSTINE • CA	HILLER	UH-12E	MINOR
3 0570	N175HA	032479	FRIEND.OR	HILLER ACFT	UH-12E	NONE
3 3714	NZOMO	100879	HURTSBORO, AL	HILLER ACFT	12E	SERIOUS
3 3708	N702WA	081079	TUSCALNOSA, AL	HILLER ACFT	UH-12E	NONE
3 3372	N400AH	072479	NLONGMONT.CO	HILLER	12E	NONE
3 2052	N121NR	082079	TIMMONSVILLE,SC	HILLER	UH-12E	MINOR
3 2496	N62902	082479	NSOMERTON, AZ	HILLER	UH-12E	FATAL
3 2013	N5335V	060879	NPORTERVILLE.CA	HILLER	UH-12E	MINOR
3 2635	N4414	101779	MENDOTA.CA	HILLER	UH-12E	SERIOUS
3 2674	N377FH	090679	NARLINGTON, WA	HILLER	FH1100	SERIOUS
3 2754	N9416F	062879	WELLMAN, IA	HUGHES	269B	NONE

AERIAL APPLICATION OPERATIONS

(IN MAKE AND MODEL SEQUENCE)

FILE NUMBER	AIRCRAF	T DATE	LOCATION	A I R C R A F MAKE	MODEL	INJURY INDEX
3 2721	N7448F	070279	NWILLMAR . MN	HUGHES	2690	NONE
3 2050	N222SW	070379	HURTSBORO, AL	HUGHES	269C	NONE
3 1917	N8641F	073079	BARNESBORO, PA	HUGHES	300C	NONE
3 2461	N7422F	080779	MONTEZUMA,GA	HUGHES	269C	NONE
3 3340	N62402	092779	NNEW KNOXVILLE, OH	HUGHES	269B	NONE
3 0897	N9329F	060779	CANISTOTA, SD	HUGHES	269B	NONE
3 0890	N9497F	051279.	NGOODING , ID	HUGHES	269B	NONE
3 1540	N7472F	061279	ECKLEY.CO	HUGHES	269C	MINOR
3 1528	N8764F	071279	VINELAND, CO	HUGHES	269A	NONE
3 2196	N7253C	062679	NHUMBLE CITY, NM	LOCKHEED	PV-2	NONE
3 2140	N40408	062979	NMIAMI,TX	MARTIN	404	SERIOUS
3 2004	N30KB	080879	MADERA, CA	NAVAL FCTY	N3N-3	NONE
3 2383	N4508Y	081779	GREELEYVILLE, SC	PIPER	PA-18	NONE
3 1332	N5493H	060579	NCIRCLE, MT	PIPER	PA-18	NONE
3 0925	N74990	062379	GREAT BEND, KS	PIPER	PA-18	MINOR
3 0819	N7161Z	053179	CHOUTE AU, OK	PIPER	PA-25	MINOR
3 0941	N6496Z	061279	NEADS, CO	PIPER	PA-25	NONE
3 0942	N82534	061479	NTWO BUTTES,CO	PIPER	PA-25	NONE
3 0874	N6944Z	042979	NC AMDENTON , MO	PIPER	PA-25	SERIOUS
3 0927	N8624L	052979	TONKAWA, OK	PIPER	PA-25	MINOR

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE	AIRCRAFT			A I R C R A F	· Τ	INJURY	
NUMBER	REGIST.	DATE	LOCATION	MAKE	MODEL	INDEX	
					~		
3 0822	N7103Z	050979	FRISCO.TX	PIPER	PA-25	SERIOUS	
3 0971	N6765Z	051979	HEMINGFORD, NE	PIPER	PA-25	NONE	
3 0657	N54889	040379	NGERBER • CA	PIPER	PA-25	NONE	
3 0779	N7641Z	042879	MAYDAY, KS	PIPER	PA-25	FATAL	
3 0302	N9818P	031979	REDDING, CA	PIPER	PA-25	MINOR	
3 0185	N7417Z	012679	MIAMI, FL	PIPER	PA-25	NONE	
3 0375	N6705Z	022779	MARICOPA•AZ	PIPER	PA-25	NONE	
3 0362	N4381Y	030979	RIDGELY, TN	PIPER	PA-25	NONE	
3 1115	N6337Z	052579	WATSON, MN	PIPER	PA-25	NONE	
3 1125	N7462Z	060479	LIGHT, AR	PIPER	PA-25	SERIOUS	
3 1110	N6905Z	053179	COHOCTON,NY	PIPER	PA-25	MINOR	
3 1349	N4865Y	071779	NKEARNEY, NE	PIPER	PA-25	MINOR	
3 1345	N6534Z	050379	NOROFINO + ID	PIPER	PA-25	SERIOUS	
3 1433	N8628L	071579	BELVIDERE, SD	PIPER	PA-25	NONE	
3 1530	N63497	070779	NGENOA,CO	PIPER	PA-25	NONE	
3 1449	N7260Z	062179	COVINGTON, TN	PIPER	PA-25	NONE	
3 1563	N6209Z	080579	DANVILLE.IN	PIPER	PA-25	NONE	
3 1502	N4969Y	070879	NCASH + AR	PIPER	PA-25	NONE	
3 1581	N6436Z	052879	NPERKINS+OK	PIPER	PA-25	NONE	
3 1592	N6721Z	082179	NADRIAN, OR	PIPER	PA-25	NONE	

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FIL NUMBI		IRCRAFT EGIST.	DATE	LOCATION	AIRCRAF MAKE		INJURY INDEX
3 160	6 N	14753Y	060179	BURNS OR	PIPER	PA-25	SERIOUS
3 1.47	8 N	74027	071379	NDEMING.NM	PIPER	PA-25	SERIOUS
3 146	7 1	17634	062779	HUTCHINSON • MN	PIPER	PA-25	NONE
3 152	4 N	7591Z	062479	CENTER.CO	PIPER	PA-25	MINOR
3 150	7 N	19845P	071379	NHOLLY GROVE.AR	PIPER	PA-25	NONE
3 165	4 N	9750P	071779	ROSEAU•MN	PIPER	PA-25	NONE
3 164	6 N	14603Y	070679	MOSES LAKE, WA	PIPER	PA-25	MINOR
3 165	6 N	70152	051979	GAYLORD, MN	PIPER	PA-25	FATAL
3 175	0 1	1288JW .	060979	NSYCAMORE.OH	PIPER	PA-25	MINOR
3 1689	9 N	8630L	073179	PEARSALL, TX	PIPER	PA-25	NONE
3 132	7 1	17605Z	080779	MCGEHEE + AR	PIPER	PA-25	NONE
3 125	3 N	14966Y	062879	NOPP, AL	PIPER	PA-25	NONE
3 132	4 N	16045Z	061479	NATWOOD • KS	PIPER	PA-25	SERIOUS
3 122	3 N	9733P	052279	ANSON.TX	PIPER	PA-25	NONE
3 133	8 1	14776Y	082379	COYANOSA, TX	PIPER	PA-25	MINOR
3 237	1 N	177562	072779	HOLLIS,OK	PIPER	PA-25	NONE
3 256	4 N	\8576L	102679	NABILENE.TX	PIPER	PA-25	NONE
3 251	3 N	14485Y	092879	NBATON ROUGE.LA	PIPER	PA-25	NONE
3 252	0 1	146084	070279	NCOWETA+OK	PIPER	PA-25	SERIOUS
3 246	2 N	8581L	082979	NNORMAN PARK+GA	PIPER	PA-25	MINOR

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE NUMBER	AIRCRAF	T DATE	LOCATION	A I R C MAK E	RAFT MODEL	INJURY INDEX
					`	
3 2051	N82367	082179	AUTAUGAVILLE.AL	PIPER	PA-25	MINOR
3 2163	N9838P	080679	SCHUYLERVILLE.NY	PIPER	PA-25	NONE
3 2132	.N9580P	080679	BOISE CITY,OK	PIPER	PA-25	NONE
3 2194	N7759Z	090679	WHITE CASTLE.LA	PIPER	PA-25	MINOR
3 2131	N4742Y	051179	NSHARON•OK	PIPER	PA-25	NONE
3 2724	N9732P	082579	WALKER . MN	PIPER	PA-25	NONE
3 2732	N7298Z	072979	WARROAD.MN	PIPER	PA-25	MINOR
3 2742	N4957Y	093079	LOST NATION.IA	PIPER	PA-25	NÔNE
3 3412	N9633P	082279	COVE CITY.NC	PIPER	PA-25	NONE
3 3304	N9769P	091979	NPOUND.WI	PIPER	PA-25	MINOR
3 3416	N8911L	080679	ELIZABETH CITY,NC	PIPER	PA-25	MINOR
3 3395	N8816L	092079	LA MOILLE.IL	PIPER	PA-25	NONE
3 3517	N9783P	080779	BNRIDGEPORT,NJ	PIPER	PA-25	MINOR
3 3348	N4605Y	090779	PORTALES, NM	PIPER	PA-25	MINOR
3 3255	N9582P	071079	CLINTON.OK	PIPER	PA-25	NONE
3 3210	N6505Z	090579	LEE•MA	PIPER	PA-25	FATAL
3 3961	N9534P	061879	NWRIGHTSVILLE.GA	PIPER	PA-25	FATAL
3 3754	N9640P	112879	NPORTERVILLE.CA	PIPER	PA=25	NONE
3 3882	N44574	072679	NLIVEOAK.FL	PIPER	PA-25	NONE =
3 3844	N7446Z	091279	NDUCK HILL.MS	PIPER	PA-25	NONE

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE AIRCRAFT		Г		AIRCRAF	AIRCRAFT	
NUMBER	REGIST.	DATE	LOCATION	MAKE	MODEL	INDEX
				·	-	
3 3819	N6842Z	090179	NNASHVILLE, GA	PIPER	PA-25	MINOR
3 3809	N9512P	083179	NMOULTIRE, GA	PIPER	PA-25	SERIOUS
3 3674	N7377Z	100179	NSAMSON, AL	PIPER	PA-25	SERIOUS
3 3269	N82671	082279	NARCH.NM	PIPER	PA-36	MINOR
3 3274	N3724E	080779	PUEBLO.CO	PIPER	PA-36	NONE
3 2749	N3881E	090779	MANNING, IA	PIPER	PA-36	NONE
3 2816	N57759	092879	SAFFORD.AZ	PIPER	PA-36	MINOR
3 2214	N3896E	090879	NPLAINVIEW, TX	PIPER	PA-36	NONE
3 2083	N56664	081279	NTUTWILER, MS	PIPER	PA-36	NONE
3 1981	N57880	072579	DENTON.GA	PIPER	PA-36	NONE
3 1966	N57727	062779	NYERINGTON, NV	PIPER	PA-36	MINOR
3 1240	N59673	060979	TUPELO, AR	PIPER	PA-36	FATAL
3 1640	N9901P	042579	NMESA,WA	PIPER	PA-36	NONE
3 1353	N3958E	052679	SABINOMN	PIPER	PA-36	MINOR
3 1356	N9956P	072779	HAYES, SD	PIPER	PA-36	NONE
3 1060	N3683E	051579	ASTATULO.FL	PIPER	PA-36	NONE
3 1097	N3712E	052979	LAFAYETTE, LA	PIPER	PA-36	NONE
3 1159	N57591	071479	NLIND, WA	PIPER	PA-36	NONE
3 0540	N9946P	031479	LOS BANOS, CA	PIPER	PA-36	FATAL
3 1834	N509Y	07307,9	CHILLICOTHE, OH	SIKORSKY	S-55C	SERIOUS

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

ł	FILE NUMBER	AIRCRAFT	T DATE	LOCATION	A I R C R A F MAKE	T MODEL	INJURY INDEX
							on
3	2298	N6737	083079	STANTON.MI	SIKORSKY	S-55B	MINOR
3	0245	N9894	030779	VINA • CA	SIKORSKY	H - 19D	MINOR
3	0192	N8548V	030979	NCOALIGA.CA	ROCKWELL	S2R	NONE
3	1146	N5647X	061279	MARKED TREE + AR	NA ROCKWELL	S2R	NONE
3	1120	N8541V	060779	FAIROAKS+AR	NA ROCKWELL	S2R	NONE
3	1069	N88710	062379	WALDENBURG. AR	ROCKWELL	S-2R	NONE
3	1803	N8851Q	060279	COALINGA • CA	AERO COMDR	S2C	NONE
3	1288	N4895X	061879	MONTROSE, AR	AERO COMDR	S2R	NONE
3	1740	N5008X	062479	HOXIE•KS	ROCKWELL	S2R	NONE
3	1708	N8838Q	062979	NOLTON, TX	SNOW	600S2R	NONE
3	1421	N4958X	071379	NJONESVILLE.LA	SNOW	S2R	MINOR
3	1420	N4251X	081579	WATERPROOF,LA	ROCKWELL	S-2R	FATAL
3	1508	N5643X	062379	LIGHT, AR	SNOW	S-2R	NONE
3	1497	N4168X	061979	GARLAND, AR	ROCKWELL	S2R	NONE
3	1068 .	N8416V	070979	NCRAWFORDSVILLE.AR	AERO CMDR	600S-2	SERIOUS
3	1206	N4999X	052579	NHELIX.OR	AERO COMDR	S2R	NONE
3	0238	N8467V	022479	TAFT + CA	ROCKWELL	S2R	NONE
3	0617	N4976X	042179	PREMONT, TX	AERN-COMDR	S-2R	NONE
3	0873	N39766	052279	VIVIAN.SD	AERO COMDR	S2R	SERIOUS
3	0944	N8501V	052679	BLUNT, SD	NA ROCKWELL	S-2R	FATAL

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAF MAKE 	MODEL	INJURY INDEX
3 0858	N5512X	060979	NFIREBAUGH, CA	ROCKWELL	S2R	NONE
3 2471	N1717S	060779	NECHO•OR	SNOW	S2D	MINOR
3 2644	N5012X	071779	MOUND CITY, MO	ROCKWELL	S2R	NONE
3 2069	N4887X	080179	CAMILLA.GA	SNOW	S-2R	NONE
3 2067	N88160	082979	NARABI •GA	AERO CMNDR	S2R600	MINOR
3 2201	N8474V	090679	NWILMONT, AR	ROCKWELL IN	S-2R	NONE
3 2087	N5044X	090879	NBELZONI • MS	ROCKWELL	S2R	FATAL
3 2856	N89700	111379	CALIPATRIA, CA	ÁERO COMDR	S2R	NONE
3 2923	N5014X	083079	VAN HORN,TX	AERO-COMDR	S2R	NONE
3 2948	N4857X	112779	VINTON, LA	AERO-COMDR	S2R	NONE
3 3096	N4945X	081679	NHERMISTON, OR	AERO COMOR	S-2R	SERIOUS
3 3640	N89630	102579	NFT MYERS.FL	AERO COMDR	600S2R	MINOR
3 3776	N5544X	072579	PAXTON, FL '	AERO COMDR	S2R	NONE
3 3820	N4004U	080479	LEESBURG, GA	AYRES	S2R	SERIOUS
3 3098	N55963	121779	NMILL CITY,OR	AEROSPATLE	SA315B	NONE
3 2900	N521H	121279	WOODLAKE, CA	ENSTROM	F-28A	NONE
3 1322	N51717	072879	NAUBURN.NE	ENSTROM	F28C	NONE
3 2028	N2937W	063079	LINCOLN, CA	WEATHERLY	2018	NONE
3 2608	N2933W	060679	COLVILLE,WA	WEATHERLY	201A	NONE
3 0954	N1264W	051179	ROBBINS, CA	WEATHERLY	2018	SERIOUS

AERIAL APPLICATION OPERATIONS

1979 (IN MAKE AND MODEL SEQUENCE)

FILE NUMBER	AIRCRAF	T DATE	LOCATION	A I R C R A F MAKE	T MODEL	INJURY INDEX
		600 mm 400 gas	gg), 400 Mile equ espe 400 Mile 4 00		'	
3 1035	N1258W	041479	POMEROY.WA	WEATHERLY	201B	MINOR
3 0334	N97064	031579	GANADO, TX	MURRAYAIR	MA-18	NONE
3 0021	N306MA	011079	KEAAU+HI:	EMAIR	M A - 1	NONE
3 2492	N97063	090479	NC ANTON • MS	EMAIR	M A - 1	MINOR
3 2637	N4438S	101779	NGREENFIELD • CA	AIR TRACTOR	AT-301	NONE
3 2039	N8578S	071679	NMENDOTA, CA	AIR TRACTOR	AT-301	NONE
3 2894	N87695	122879	WOODL AND + CA	AIR TRACTOR	AT-301	MINOR
3 2912	N4424S	081179	TAFT.TX	AIR TRACTOR	AT-301	SERIOUS
3 2212	N4412S	061379	ELSA,TX	AIR TRACTOR	AT-301	FATAL
3 2086	N8595\$	090479	NGRENADA, MS	AIR TRACTOR	AT-301	MINOR
3 0818	N4335S	052679	EAST LIVERPOOL.TX	AIR TRACTOR	AT-301	FATAL
3 0998	N3437S	050679	SUPRISE, AZ	AIR TRACTOR	AT-301	NONE
3 0621	N4331S	050779	NRIGBY.ID	AIR TRACTOR	AT-301	MINOR
3 1663	N8791S	081079	NEWDALE, ID	AIR TRACTOR	AT-301	NONE
3 1888	N86985	052279	AMERICUS.GA	AIR TRACTOR	AT-301	MINOR

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF ACCIDENTS

INVOLVING AERIAL APPLICATION OPERATIONS

1979 (IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA		RIES S M/N	FLIGHT PURPOSE		PILOT DATA
3-0524	TIME - 15		N7936 Damage-destroyed					COMMERCIAL, AGE 31, 3358 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
			INTENDED DESTINATION UNKNOWN/NOT REPORTED					
	TYPE OF A	CCIDENT FAILURE OR MALFUNCT				F OPERATION NG GO-AROUNI NG ROLL)	
	MISCELL MISCELL COMPLETE	N COMMAND - IMPROPE ANEOUS ACTS, CONDITI ANEOUS - EVASIVE MA POWER LOSS - COMPLE	R OPERATION OF POWERPL ONS - ENGINE LOADED UP NEUVER TO AVOID COLLIS TE ENGINE FAILURE/FLAM RCED LANDING OFF AIRPO	ION EOUT-1	ENGINE	NT CONTROLS		
	KIND OF PILOT'S GOGGLES	OURS IN CROP CONTRO CROP - OTHER SEAT BELT - UNKNOW - NOT USED CRASHPAD - INSTALL	N/NOT REPORTED		TYPE GLOVE CRASH	OF CHEMICAL (S - USED	AILABLE USED	EMICAL-NONTOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA		: '		l PU	IGHT RPOSE	PILOT DATA
	6/1/79 NR.E TIME - 1145 DEPARTURE POI DOTHAN, AL	EHOBETH,AL	GRUMMAN G-164A N7492 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR-	0.	0 1	COMME AERIA		COMMERCIAL, AGE 35, 18
	TYPE OF ACCIO	ENT VITH GROUND/WATE					OF OPER	ATION SWATH RUN	
	FACTOR(S) PILOT IN CO	MMAND - MISJUDGE MMAND - INADEQUA	ED CLEARANCE ATE PREFLIGHT PREPARAT NEUVER TO AVOID COLLIS		D/O	OR PL	ANNING	· · · · · · · · · · · · · · · · · · ·	
		OS - EVASIVE MAI	NEOVER TO AVOID COLLIS	1014					
/ 1	GOGGLES - N COCKPIT CRA TANK/HOPPER ELEVATION-A	ED-PROPERLY	RLINES	·	CRAS CRAS TERR	OF CHE ES - NO SH HELME SH BAR - KAIN-TYP	RATION - SPRA' MICAL USED - T USED T - AVAILABLE INSTALLED E - LEVEL, FLA OW FLOWN - CR	LIQUID CHEMICAL-TOXIC E USED AT	
		•						**	
3-1198	6/8/79 NR.\ TIME - 1830	/ERBENA,AL	HILLER UH-12E N87600 DAMAGE-SUBSTANTIAL				COMME AERIA	RCIAL L APPLICATION	AIRLINE TRANSPORT, AGE N 32, 6139 TOTAL HOURS, IN TYPE, INSTRUMENT RATED.
	DEPARTURE POI VERBENA.AL TYPE OF ACCID		INTENDED DESTINATION LOCAL	•	Di	LACE	OF OPER	ATTON	NATED :
		ITH GROUND/WATER	R CONTROLLED					SWATH RUN	
	PROBABLE CAUS	E(S) DMMAND - MISJUDG	ED ALTITUDE			-			
	SPECIAL DATA	IN CROP CONTROL	L - 6000					RATION - SPRA	AYING CROPS LIQUID CHEMICAL-TOXIC

		·	S OF ACCIDENTS		
FILE		AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT ĐẠTA
	6/28/79 NR.OPP.AL TIME - 1830	PIPER PA-25 N4966Y	CR- 0 0 1 PX- 0 0 0		COMMERCIAL, AGE 28, 628 TOTAL HOURS, 326 IN TYPE, UNK/NR INSTRUMENT RATED.
	DEPARTURE POINT			•	•
	SAMSON.AL Type of Accident	LOCAL	DUACE	DE DREBATION	
	COLLIDED WITH WIRES/PO	LES	IN FL	OF OPERATION LIGHT SWATH RUN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAIL	ED TO SEE AND AVOID OBJE	CTS OR OBSTRUC	TIONS	
	SPECIAL DATA		•		
	TOTAL HOURS IN CROP CON		KIND	OF OPERATION - DEFOLIA	TION (LIQUID)
	KIND OF CROP - BEANS		TYPE	OF CHEMICAL USED - LIQ	UID CHEMICAL-TOXIC
	PILOT'S SEAT BELT - UNK	NOWN/NOT REPORTED		S - NOT USED	
	GBGGLES - NOT USED		CNASI	HELMET - AVAILABLE US	
	COCKPIT CRASHPAD - INST			BAR - INSTALLED	
	TANK/HOPPER-LOCATION - ELEVATION-AREA BEING TR	EATED-FEET - 300	SWATE	AIN-TYPE - LEVEL,FLAT H RUN-HOW FLOWN - WIND	CALM
3-2050	7/3/79 HURTSBORO.AL	HUGHES 269C	CR- 0 0 1	COMMERCIAL	COMMERCIAL, AGE 45, 808 TOTAL HOURS, 93 IN TYPE,
	TIME - 1145	N222SW Damage-destroyed	PX- 0 0 0	AERIAL APPLICATION	TOTAL HOURS, 93 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - SOHOY DEPARTURE POINT	INTENDED DESTINATION			
		LOCAL			•
•	HURTSBORO,AL Type of accident	*.*	PHASE C	OF OPERATION	en e
	COLLIDED WITH CROP		IN F	LIGHT - STARTING SWATHER	UN ⁻
	BRADADIE CAUCEZES				• • •
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAIL	ED TO MAINTAIN ADEQUATE	ROTOR R.P.M.		
	SPECIAL DATA	-		•	
	TOTAL HOURS IN CROP COM	ITPOL - 15	·· KIND	OF OPERATION - SPRAYIN	C CDODS
				OF CHEMICAL USED - LIO	
	PILOT'S SEAT BELT - UNK	NOWN/NOT REPORTED	GLOVI	ES - NOT USED	
	GOGGLES - NOT USED		CRASH	HELMET - AVAILABLE US	ED.
	COCKPIT CRASHPAD - NOT	INSTALLED	CRASI	BAR - NOT INSTALLED	
	TANK/HOPPER-LOCATION -			IN-TYPE - LEVEL,FLAT RUN-HOW FLOWN - WIND	
	ELEVATION-AREA BEING TR	EATER_EEET _ 240	. SUATI	PHIN_HOW FLOWN _ WIND	CALM

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES	FLIGHT PURPOSE	"PILOT DATA
3-3187	7/29/79 ENTERPRISE, AND TIME - 0945 DEPARTURE POINT ENTERPRISE, AL TYPE OF ACCIDENT ROLL OVER		PHASE C	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 50, 6600 TOTAL HOURS, 430 IN TYPE, NOT INSTRUMENT RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAIL	ED TO MAINTAIN ADEQUATE F	ROTOR R.P.M.		
		KNOWN/NOT REPORTED INSTALLED SIDES REATED-FEET - 383 FIRST 1/3 TURN	TYPE GLDVE CRASH CRASH TERRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIGH ES - USED HELMET - AVAILABLE USE BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - UPWING	JID CHEMICAL-TOXIC
3-3708	8/10/79 TUSCALOOSA.AL TIME - 0820 DEPARTURE POINT TUSCALOOSA.AL TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE HARD LANDING	N702WA DAMAGE-SUBSTANTIAL	PX- 0 0 1 PHASE (ASSOC CROP CTL ACTIVI	COMMERCIAL, FL.INSTR., TY AGE 26, 2737 TOTAL HOURS, 132 IN TYPE, INSTRUMENT RATED.
	PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSE MISCELLANEOUS ACTS, CONE MISCELLANEOUS ACTS, CONE EMERGENCY CIRCUMSTANCES	EMBLIES MAIN ROTOR HEAD A DITIONS - CORRODED/CORROS DITIONS - FATIGUE FRACTURE FORCED LANDING OFF AIRPO LATERAL CONTROL PROBLEM PITCH CONTROL PROBLEM DUTBOARD, TENSION-TORSION	ASSEMBLIES ION E ORT ON LAND		

	DATE	LOCATION	AIRCRAFT DATA	F	S M.	/N			- PILOT DATA
		AUTAUGAVILLE,AL	PIPER PA-25 N82367 DAMAGE-SUBSTANTIAL	CR- C	0	1	COMMERCIAL	ACTIVITY	COMMERCIAL, AGE 41, 3231 TOTAL HOURS, 2426 IN TYPE, NOT INSTRUMENT RATED.
	AUTAUGA Type of A	VILLE,AL CCIDENT FAILURE OR MALFUNCT	INTENDED DESTINATION LOCAL TION		ΙN	FL	OPERATION IGHT NORMAL CRI IG LEVEL OFF/TO	UISE	NATED'S
	MISCELLA FACTOR(S) MISCELLA COMPLETE I EMERGENCY	N COMMAND - INADEOU ANEOUS ACTS, CONDITI ANEOUS ACTS, CONDITI POWER LOSS - COMPLE CIRCUMSTANCES - FO	DATE PREFLIGHT PREPARA ONS — WATER IN FUEL ONS — AIRCRAFT CAME TO THE ENGINE FAILURE/FLAM RCED LANDING OFF AIRPO CONTAINED 1/2PT WATER I) REST I MEOUT - 1 ORT ON W	N WA ENGI	TER IE			
3-3719	DEPARTURE ASHFORD, TYPE OF AC	POINT AL CCIDENT FAILURE OR MALFUNCT	GRUMMAN G-164 N617U DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	PX- 0	O PHASE IN	0 : OF FL1	COMMERCIAL AERIAL APPLICAT OPERATION IGHT SWATH RUN IG ROLL		COMMERCIAL, AGE 33, 2457 TOTAL HOURS, 855 IN TYPE, INSTRUMENT RATED.
	MISCELLA FACTOR(S) TERRAIN PARTIAL PO	ANT - ENGINE STRUCT ANEOUS ACTS,CONDITI - ROUGH/UNEVEN OWER LOSS - PARTIAL	URE VALVE ASSEMBLIES ONS - MATERIAL FAILURE LOSS OF POWER - 1 ENC RCED LANDING OFF AIRPO	SINE	AND				
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO	OURS IN CROP CONTRO CROP — BEANS SEAT BELT — UNKNOW — NOT USED CRASHPAD — INSTALL PPER-LOCATION — FOR ON-AREA BEING TREAT	N/NOT REPORTED	OKEN PA	TYP GLO CRA CRA TER SWA	E OVES	OF OPERATION - S F CHEMICAL USED - NOT USED HELMET - AVAILA BAR - INSTALLES RUN-HOW FLOWN - RECOVERED.	BLE USED FLAT	CHEMICAL-TOXIC

FILE	DATE LOCATI	ON AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	
3-3674	10/1/79 NR.SAMSON.AL TIME - 1630 DEPARTURE POINT SAMSON.AI	PIPER PA-25 N7377Z DAMAGE-DESTROYED INTENDED DESTINATION	CR- 0 1 6 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 23, 734 TOTAL HOURS, 353 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF ACCIDENT COLLIDED WITH WIRE		, FIMSE	OF OPERATION IGHT CLEANUP SWATH	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FACTOR(S) TERRAIN - HIGH OBST	FAILED TO SEE AND AVOID OBJE	ECTS OR OBSTRUCT	TIONS	
	GOGGLES - NOT USED COCKPIT CRASHPAD - TANK/HOPPER-LOCATIO ELEVATION-AREA BEIN FIRE AFTER IMPACT	UNKNOWN/NOT REPORTED	TYPE GLOVE CRASH CRASH TERRA SWATH	OF OPERATION - SPRAYIN OF CHEMICAL USED - LIG S - NOT USED I HELMET - AVAILABLE US BAR - INSTALLED IN-TYPE - LEVEL,FLAT RUN-HOW FLOWN - CROSS	QUID CHEMICAL-NONTOXIC
				+ .	
3-3714	10/8/79 HURTSBORO. TIME - 0930	AL HILLER ACFT 12E N2OMO DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 34, 5500 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - SEH DEPARTURE POINT HURTSBORG.AL TYPE OF ACCIDENT	INTENDED DESTINATION	DUAGE (6	or openation	NA VED 6
	COLLIDED WITH WIRE	S/POLES	PHASE C IN FL	TGHT SWATH RUN	
	PROBABLE CAUSE(S) PILOT IN COMMAND -	FAILED TO SEE AND AVOID OBJE	CTS OR OBSTRUCT	TIONS	
	TOTAL HOURS IN CROP KIND OF CROP - COTT PILOT'S SEAT BELT - GOGGLES - NOT USED COCKPIT CRASHPAD - TANK/HOPPER-LOCATIO	NOT INSTALLED N - SIDES G TREATED-FEET - 300	CRASH CRASH TERRA	OF OPERATION - DEFOLIA OF CHEMICAL USED - LIG S - NOT USED I HELMET - AVAILABLE-NO BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - WIND	

			of #20 #10 #10 #10 #10 #10 #10 #10 #10 #10 #1	S UP ACCI			
FILE			AIRCRAFT DATA	F :	5 M/N	PURPOSE	PILOT DATA
3-3633	10/8/79 V TIME - 1245 DEPARTURE PO VINCENT, AL TYPE OF ACCI	INCENT.AL INT DENT LURE OR MALFUNC	GRUMMAN G-164A N4593 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- O PX- O	0 1 0 0 HASE O IN FL	COMMERCIAL AERIAL APPLICATION F OPERATION IGHT SWATH RUN NG ROLL	COMMERCIAL, AGE 44, 5810 TOTAL HOURS, 900 IN TYPE, INSTRUMENT RATED.
	MISCELLANE FACTOR(S) MISCELLANE PARTIAL POWE	- ENGINE STRUCTOUS ACTS, CONDITOUS ACTS, CONDITOUS ACTS, CONDITOUS PARTIAL	TURE CYLINDER ASSEMBLY IONS - MATERIAL FAILURI IONS - WINDSHIELD, DIRTY LOSS OF POWER - 1 ENG ORCED LANDING OFF AIRPO	: /,FOGGY,E GINE			
	KIND OF CR PILOT'S SE GOGGLES - COCKPIT CR TANK/HOPPE ELEVATION-	S IN CROP CONTRO OP - COTTON AT BELT - FASTER USED ASHPAD - INSTALS R-LOCATION - FO AREA BEING TREAT	NED-PROPERLY		TYPE GLOVES CRASH CRASH TERRA SWATH	DF OPERATION - DEFOLIAT DF CHEMICAL USED - LIQU S - USED HELMET - AVAILABLE USE BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - WIND C	ID CHEMICAL-NONTOXIC
3-0375		ARICOPA•AZ	PIPER PA-25 N6705Z DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1 0 0	COMMERCIAL ASSOC CROP CTL ACTIVIT	ATP, FLIGHT INSTR., AGE Y 47, 1034 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.
	DEPARTURE PO	ORT - MARCEL BO INT: Z DENT ER LOOP-SWERVE ITH OBJECT	INTENDED DESTINATION		TAKEO	F OPERATION FF RUN FF RUN	
	FACTOR(S)	OMMAND - FAILED	TO MAINTAIN DIRECTIONA				
	KIND OF CR PILOT'S SE GOGGLES - COCKPIT CR TANK/HOPPE ELEVATION-	S IN CROP CONTRO OP - OTHER AT BELT - UNKNOW NOT USED ASHPAD - NOT INS R-LOCATION - FOT AREA BEING TREAT	NN/NOT REPORTED STALLED RWARD OF PILOT SED-FEET - 1350		TYPE (GLOVES CRASH CRASH TERRAS SWATH	OF OPERATION - OTHER OF CHEMICAL USED - LIQU S - NOT USED HELMET - AVAILABLE USE BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - UNKNOW! JEL DRUM.RT LNDG GEAR S	D N/NOT REPORTED

FILE			AIRCRAFT DATA						PILOT DATA
	5/3/79 M TIME - 230 NAME OF AI DEPARTURE POSTON, AZ TYPE OF AC	NR.POSTON.AZ DO RPORT - DUSTER ROAD POINT CCIDENT FATER LOOP-SWERVE	GRUMMAN G-164B N67470 DAMAGE-SUBSTANTIAL	CR- C	O O PHAS	1 0 SE D	COMMERCIAL		COMMERCIAL, AGE 46, 5000 TOTAL HOURS, 250 IN TYPE, INSTRUMENT RATED.
	FACTOR(S)	COMMAND - FAILED 1	TO MAINTAIN DIRECTIONA - AIRPORT CONDITIONS			ILDE	RS		
	KIND OF GLOVES - CRASH HE CRASH BA TERRAIN-	OURS IN CROP CONTRO CROP - UNKNOWN/NOT	SED		P I GC CC TA	LOT DGGL DCKP ANK/	'S SEAT BELT ES - NOT USE IT CRASHPAD : HOPPER-LOCAT	- FASTENED-PED	OF PILOT
	TIME - 113 NAME OF AI DEPARTURE SUPRISE, TYPE OF AC OVERSHOO NOSE OVE	RPORT - SUPRISE VAI POINT AZ CCIDENT BT ER/DOWN	DAMAGE-SUBSTANTIAL		PHAS	O SE O		CTL ACTIVITY	COMMERCIAL, AGE 25, 2512 TOTAL HOURS, 245 IN TYPE, NOT INSTRUMENT RATED.
		CAUSE(S) N-COMMAND - MISJUDGE	ED DISTANCE AND SPEED TO INITIATE GO-AROUND						

FILE	DATE	LOCATION	AIRCRAFT DATA	F S	M/N	PURPOSE	PILOT DATA
		R.EHRENBERG.AZ	BELL M-74 N38105 DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1	COMMERCIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 40, 10675 TOTAL HOURS, 1000 IN TYPE, NO INSTRUMENT RATED.
	DEPARTURE BLYTHE.A		INTENDED DESTINATION LOCAL				
	TYPE- OF AC	CIDENT R/ROTOR FAILURE			IN FL	DF OPERATION .IGHT PROCEDURE TURNARC ING POWER-OFF AUTOROTA	
	-ROTORCRA		N ROTOR DRIVE SYSTEM TA	IL ROTOR	DR I VE	SHAFT ASSEMBLY	
	MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILUS SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 6000 KIND OF CROP - OTHER PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION—AREA BEING TREATED-FEET - 250 PROCEDURE TURNAROUND - FIRST 1/3 TURN REMARKS- WEED CONTROL. TAIL ROTOR OUTPUT ASSEMBLY				TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - DEFOLIAT OF CHEMICAL USED - LIQU S - NOT USED HELMET - AVAILABLE USE BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - WIND C	JID CHEMICAL-TOXIC
	* *	•				•	
			HILLER UH-12E N62902 DAMAGE-DESTROYED				COMMERCIAL, AGE 32, 7000 TOTAL HOURS, 3000 IN TYPE, NOT INSTRUMENT RATED.
	-DEPARTURE (- SOMERTON,	POINT	INTENDED DESTINATION LOCAL GHT		ASE O	F OPERATION	KATED.
					IN FL	IGHT PROCEDURE TURNARO	DUND
	PROBABLE C PERSONNEI ROTORERA MISCELLAR	L - MAINTENANCE,S FT - FLIGHT CONTI NEOUS ACTS,CONDIT	SERVICING, INSPECTION IN ROL SYSTEMS CYCLIC PITO ITONS - DISCONNECTED NNECTING FORE & AFT CYCL	H CONTROL	SYST	EM	IS210/215 MISSING

FILE	DATE	LOCATION	AIRCRAFT DATA		JURIE F S		FLIGHT PURPOSE		PILOT DATA
3-2816	9/28/79 TIME - 1700	SAFFORD,AZ	PIPER PA-36 N57759 DAMAGE-SUBSTANTIAL	PX-			COMMERCIAL ASSOC CROP C	TL ACTIVITY	COMMERCIAL, AGE 28, 2000 TOTAL HOURS, 478 IN TYPE NOT INSTRUMENT RATED.
	SAFFORD, AND TYPE OF ACCURAGE FAIR	Z IDENT ILURE OR MALFUNCT WITH DIRT BANK	INTENDED DESTINATION LOCAL ION		I	N FL	F OPERATION IGHT SWATH R NG LEVEL OFF		
-	PROBABLE CAMPOWERPLAN MISCELLAN TERRAIN - PARTIAL POW	USE(S) T - ENGINE STRUCT EOUS ACTS,CONDITI ROUGH/UNEVEN ER LOSS - PARTIAL	URE CYLINDER ASSEMBLY ONS - MATERIAL FAILURE LOSS OF POWER - 1 ENC RCED LANDING OFF AIRPO	SINE	L AND	•			
	KIND OF COMPILOT'S SECONDERS - COCKPIT COTANK/HOPPI	RS IN CROP CONTRO ROP — COTTON EAT BELT — UNKNOW	IN/NOT REPORTED ED WARD OF PILOT ED-FEET - 3000	•	T G C C T	YPE LOVE RASH RASH ERRA	OF OPERATION OF CHEMICAL U S - NOT USED HELMET - AVA BAR - INSTAL IN-TYPE - LEV RUN-HOW FLOW	SED - LIQUID ILABLE USED LED EL,FLAT	CHEMICAL-NONTOXIC
•	4					•			
3-3672	9/29/79 NR TIME - 0235		GRUMMAN G-164A N5404 DAMAGE-SUBSTANTIAL				COMMERCIAL AERIAL APPLI	CATION	COMMERCIAL, FL.INSTR., AGE 39, 10945 TOTAL HOURS, 3000 IN TYPE,
		DINT	INTENDED DESTINATION LOCAL						INSTRUMENT RATED.
	- TYPE- OF ACC ENGINE FA COLLISION	IDENT ILURE OR MALFUNCT WITH GROUND/WATE	ION		I	N FL	F OPERATION IGHT PROCEDU NG LEVEL OFF		
	PROBABLE CAL POWERPLAN COMPLETE POL	USE(S) T - MISCELLANEOUS WER LOSS - COMPLE IRCUMSTANCES - FO	POWERPLANT FAILURE F TE ENGINE FAILURE/FLAM RCED LANDING OFF AIRPO	EOUT-	1 ENG	[NE	D REASONS		
	SPECIAL DAT TOTAL HOUR KIND OF CI PILOT'S SI GOGGLES — COCKPIT CI TANK/HOPPI ELEVATION	RS IN CROP CONTRO ROP - COTTON EAT BELT - FASTEN USED RASHPAD - NOT INS ER-LOCATION - FOR	L - 3000 ED-PROPERLY TALLED WARD OF PILOT ED-FEET - 250		T G C C T	YPE LOVE Rash Rash Erra	OF OPERATION OF CHEMICAL U S - USED HELMET - AVA BAR - INSTAL IN-TYPE - LEV RUN-HOW FLOW	SED - LIQUID ILABLE USED LED EL,FLAT	CHEMICAL-TOXIC

FILE	DATE -	LOCATION	AIRCRAFT DATA			IES S M/		FLIGHT PURPOSE		PILOT DATA
3-0498	3/28/79 TIME - 103	0	GRUMMAN G-164A - N7849 : DAMAGE-SUBSTANTIAL					COMMERCIAL ASSOC CROP		COMMERCIAL, AGE 24, 1200 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE VILONIA, TYPE OF AC	AR CIDENT AILURE OR MALFUN	INTENDED DESTINATION LOCAL		Pi	TAK	EOF	OPERATION F INITIAL G ROLL		
	*								. t = =	
			JS POWERPLANT FAILURE F	OR UNI	DE T	ERMI	NED	REASONS		
	COMPLETE P	BWER LOSS - COMP	LETE ENGINE FAILURE/FLAM FORCED LANDING OFF AIRPO				E			
								1 .		
3-0729		BURDETTE.AR	GRUMMAN G-164 N10264 DAMAGE-SUBSTANTIAL				0		CTL ACTIVITY	COMMERCIAL, AGE 35, 1033 TOTAL HOURS, 96 IN TYPE, NOT INSTRUMENT RATED.
		POINT	INTENDED DESTINATION LOCAL							NOT INSTROMENT RATED.
, a	NOSE OVE	ATER LOOP-SWERVE R/DOWN			PI	TAK	EOF	OPERATION F RUN F RUN		in the interest of the second
	PROBABLE C	AUSE (S)	PER OPERATION OF BRAKES	AND/O	R FI	LIGH	T C	ONTROLS		
3-0704	4/25/79 TIME - 130	0		CR- PX-				COMMERCIAL ASSOC CROP		COMMERCIAL, AGE 26, 2001 TOTAL HOURS, 350 IN TYPE NOT INSTRUMENT RATED.
* *	DEPARTURE	_	INTENDED DESTINATION		v			• •		
÷	DUMAS, AR TYPE OF AC NOSE OVE	CIDENT	LOCAL					OPERATION G ROLL		
,	FACTOR(S)	COMMAND - SELEC	TED UNSUITABLE TERRAIN IES - AIRPORT CONDITIONS	sor'		LIANU A	v			

				S OF A			S	
FILE	DATE	LOCATION	AIRCRAFT DATA	AIRCRAFT DATA INJ			FLIGHT N PURPOSE	PILOT DATA
	TIME - 0	PIGGOTT,AR 953	GRUMMAN G-164A N972X DAMAGE-DESTROYED	CR-	0	1 (COMMERCIAL, AGE 50, 4725 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF	ACCIDENT MUSH				IN	OF OPERATION FLIGHT PROCEDURE TURN	AROUND
	PROBABLE	CAUSE(S)	TO OBTAIN/MAINTAIN FLY					
	TOTAL KIND O PILOT' TERRAI SWATH	DATA HOURS IN CROP CONTR F CROP - UNKNOWN/NO S SEAT BELT - FASTE N-TYPE - LEVEL,FLAT RUN-HOW FLOWN - WIN ER IMPACT	OL - UNKNOWN/NOT REPOR T REPORTED NED-PROPERLY	ΓED		TANI	D OF OPERATION — UNKNO E OF CHEMICAL USED — U K/HOPPER-LOCATION — UN VATION-AREA BEING TREA	NKNOWN/NOT REPORTED KNOWN/NOT REPORTED
						-		
3-0840	5/14/79 TIME - 0	LONOKE, AR 0630	GRUMMAN G-164B N67460 DAMAGE-SUBSTANTIAL	CR- PX-	0	0 0	COMMERCIAL O AERIAL APPLICATION	AIRLINE TRANSPORT, AGE 39, 9218 TOTAL HOURS, 27 IN TYPE, INSTRUMENT RATED.
	DEPARTUR LONOKE TYPE OF COLLID NOSE O		ATION INTENDED DESTINATION LOCAL			INF	OF OPERATION FLIGHT SWATH RUN DING ROLL	KATED.
	PROBABLE	CAUSE(S)	GED ALTITUDE AND CLEARA	ANCE	-			
	KIND 0 PILOT' CRASH CRASH TERRAI		WN/NOT REPORTED USED			TYPE GLO' COCH TANI	D OF OPERATION - SPRAY E OF CHEMICAL USED - L VES - USED KPIT CRASHPAD - INSTAL K/HOPPER-LOCATION - FO VATION-AREA BEING TREA	IQUID CHEMICAL-TOXIC LED IRWARD OF PILOT

			BRIEF	S OF AC	CIF	IFN 12	•	•
FILE		LOCATION	AIRCRAFT DATA	F		M/N	PURPOSE	PILOT DATA
-0618	5/15/79 -TIME - 16		GRUMMAN G-164 N9679 DAMAGE-DESTROYED	CR- PX-			COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 42, 4500 TOTAL HOURS 800 IN TYPE, INSTRUMENT RATED.
	TYPE OF A		INTENDED DESTINATION LOCAL			-	OF OPERATION LIGHT PROCEDURE TURNAROU	
	PROBABLE	CAUSE(S)					TIONS	
	TOTAL H KIND OF PILOT'S GOGGLES COCKPIT TANK/HO	CROP — RICE SEAT BELT — UNKNOWN — NOT USED CRASHPAD — INSTALLE PPER-LOCATION — FOR ON-AREA BEING TREATS	- 4500 I/NOT REPORTED D HARD OF PILOT			TYPE GLOVI CRASI CRASI TERR	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQUIES - NOT USED H HELMET - AVAILABLE USED H BAR - INSTALLED AIN-TYPE - LEVEL, FLAT H RUN-HOW FLOWN - WIND CAI	D CHEMICAL-NONTOXIC
	NAME OF A	00 IRPORT - BRECKENRIDO	N79555 DAMAGE-DESTROYED E	CR- PX-	0 0	0 1 0 0	AERIAL APPLICATION	COMMERCIAL, AGE 44, 6600 TOTAL HOURS, 49 IN TYPE, INSTRUMENT RATED.
		PUINT D.AR	INTENDED DESTINATION LOCAL				en e	
·	COLLISI	CCIDENT On WITH GROUND/WATER	CONTROLLED					
	PROBABLE PILOT I	CAUSE(S)	ED ALTITUDE AND CLEARA	ANCE -				
	KIND OF PILOT'S CRASH H CRASH B TERRAIN	ATA DURS IN CROP CONTROL CROP - RICE SEAT BELT - FASTENE ELMET - NOT AVAILABI AR - INSTALLED -TYPE - LEVEL, FLAT UN-HOW FLOWN - CROSS	D-PROPERLY LE			TYPE GLOVE COCK! TANK	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQUIDES - NOT USED PIT CRASHPAD - INSTALLED (HOPPER-LOCATION - FORWARD ATION-AREA BEING TREATED-	O CHEMICAL-NONTOXIC O OF PILOT

FILE	DATE	LOCATION	AIRCRAFT DATA			PILOT DATA
3-1286	TIME - 160 NAME OF AI DEPARTURE CHERRY-V TYPE-OF-AC COLLISIO	O RPORTCHERRY VAL	BELL 204 N707FW DAMAGE-SUBSTANTIAL LEY INTENDED DESTINATION LOCAL R CONTROLLED	CR- 0 0 PX- 0 0	OF OPERATION COMMERCIAL O AERIAL APPLICATION OF OPERATION FLIGHT FLAREOUT FOR SW	COMMERCIAL, AGE 49, 11120 TOTAL HOURS, 102 IN TYPE, NOT INSTRUMENT RATED.
	PROBABLE C PILOT IN	AUSE(S) COMMAND - MISJUDG	 ED ALTITUDE			
	SPECIAL DA TOTAL HO KIND OF -PILOT S CRASH HE TANK/HOP	TA URS/IN CROP CONTRO CROP - RICE SEAT BELT - UNKNOW L M ET - AVAILABLE-NI	L - 8900 N/NOT REPORTED OT USED OF PILOT	KIN TYP GLO COC TER	D OF OPERATION - SPRAYI E OF CHEMICAL USED - LI VES - NOT USED KPIT CRASHPAD - NOT INS RAIN-TYPE - LEVEL,FLAT TH RUN-HOW FLOWN - CROS	EQUID CHEMICAL-NONTOXIC
3-1505	6/3/79 TIME - 063	0	CESSNA 188 N21670 DAMAGE-SUBSTANTIAL	CR0 0 -	1 COMMERCIAL 0 ASSOC CROP CTL ACTIV	COMMERCIAL, AGE 39, VITY UNK/NR TOTAL HOURS, 3690 IN TYPE, NOT INSTRUMENT RATED.
•	DEPARTURE MCGRORY, TYPE OF AG COLLIDED	POINT AR CIDENT WITH DIRT BANK	INTENDED DESTINATION LOCAL	PHASE LAN	OF OPERATION DING LEVEL OFF/TOUCHDO	
	PROBABLE C	AUSE(S) COMMAND - MISJUDG	ED DISTANCE AND ALTITU			
	SPECIAL DA TOTAL HO KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP	TA URS IN CROP CONTRO CROP — BEANS SEAT BELT — UNKNOW — NOT USED CRASHPAD — INSTALL PER—LOCATION — FOR NDG GEAR STRUCK LE	L - 3500 N/NOT REPORTED ED WARD OF PILOT	TYP GLO CRA CRA	D OF OPERATION - FERTIL E OF CHEMICAL USED - LI VES - NOT USED SH HELMET - AVAILABLE U SH BAR - INSTALLED RAIN-TYPE - LEVEL,FLAT	IQUID CHEMICAL-NONTOXIC

FILE	DATE LOCATION		INJURIES FLIGHT F S-M/N PURPOSE	PILOT DATA
3-1125	6/4/79 LIGHT,AR TIME - 1330	PIPER PA-25 N7462Z DAMAGE-DESTROYED	CR- 0 1 0 COMMERCIAL PX- 0 0 0 AERIAL APPLICATION	COMMERCIAL, AGE 36, 5100
-	DEPARTURE POINT	INTENDED DESTINATION		
•	LIGHT.AR	LOCAL	PHASE OF OPERATION	*
	TYPE OF ACCIDENT STALL		IN FLIGHT PROCEDURE TURNA	AROUND
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED		YING SPEED	
	SPECIAL DATA			
	TOTAL HOURS IN CROP CONTR KIND OF CROP - RICE PILOT'S SEAT BELT - UNKNO GOGGLES - NOT USED COCKPIT CRASHPAD - NOT IN	OL - 650 WN/NOT REPORTED ISTALLED	KIND OF OPERATION - SEEDIN TYPE OF CHEMICAL USED - DR GLOVES - USED CRASH HELMET - AVAILABLE U CRASH BAR - INSTALLED	Y CHEMICAL-NONTOXIC
	TANK/HOPPER-LOCATION - FO ELEVATION-AREA-BEING TREA PROCEDURE TURNAROUND - TH FIRE AFTER IMPACT	TED-FEET - 300	TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - UNKN	IOWN/NOT REPORTED
3-1120	6/7/79 FAIRBAKS, AR TIME - 0800	NA ROCKWELL S2R N8541V DAMAGE-SUBSTANTIAL		COMMERCIAL, AGE 45, 3541 ITY TOTAL HOURS, 890 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - BROWN DEPARTURE POINT FAIROAKS,AR	INTENDED DESTINATION LOCAL		
	TYPE OF ACCIDENT COLLIDED WITH DIRT BANK		PHASE OF OPERATION TAKEOFF INITIAL CLIMB	
·	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEC PILOT IN COMMAND - SELECT		TION AND/OR PLANNING	
3-1240	6/9/79 TUPELO,AR TIME - 1340	N59673 DAMAGE-DESTROYED	CR- 1 0 0 COMMERCIAL PX- 0 0 0 ASSOC CROP CTL ACTIV	TYPE, NOT INSTRUMENT
	NAME OF AIRPORT - TUPELO DEPARTURE POINT TUPELO,AR	INTENDED DESTINATION LOCAL		RATED.
	TYPE OF ACCIDENT COLLIDED WITH TREES		PHASE OF OPERATION TAKEOFF INITIAL CLIMB	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUD	GED ALTITUDE AND CLEAR	ANCE	
	TERRAIN - HIGH OBSTRUCTIO	NS		

FILE	DATE	LOCATION	AIRCRAFT	·DATA	IN.	URIES		FLIGHT		PILOT DATA
						S M				
)	GRUMMAN G- N8370 DAMAGE-SUB	STANTIAL				COMMERCIAL AERIAL APPLI	CATION	COMMERCIAL, AGE 44, 2416 TOTAL HOURS, 74 IN TYPE, NOT INSTRUMENT RATED.
	- PIGGOUT • A	POINT AR CIDENT	LOCAL							
	ENGINE FA	AILURE OR MALFUNC R/DOWN	TION			IN LAI	FLI NDIN	FOPERATION GHT PROCEDUR NG ROLL	RE TURNAROUND	
	POWERPLAN	AUSE(S) IT - FUEL SYSTEM	CARBURETOR							
	TERRAIN -	NEOUS ACTS.CONDIT - ROUGH/UNEVEN DWER LOSS - COMPL				ENGI	NE			
		CIRCUMSTANCES - F		OFF AIRPOR	T ON	LAND				
	TOTAL HOL KIND OF C PILOT'S S GOGGLES - COCKPIT (TANK/HOPP ELEVATION	TA- URS IN-CROP CONTR CROP - COTTON- SEAT BELT - UNKNO - NOT USED CRASHPAD - INSTAL PER-LOCATION - FO N-AREA BEING TREA	OL - 2004 WWW/NOT REPORTE LED LED RWARD OF PILOT TED-FEET - 32	ED 20		GLI GLI CR CR TE	DVES ASH ASH RRAI	DF OPERATION OF CHEMICAL USE S - USED HELMET - AVA BAR - INSTAL N-TYPE - LEVI RUN-HOW FLOW	SED - DRY CHE ILABLE USED LED EL•FLAT	MICAL-NUNTUXIC
	·	TURNAROUND - SE	CUND 173 TURN							
3-1146	6/12/79 TIME - 1600	MARKED TREE•AR D	NA ROCKWEL N5647X Damage-sub					COMMERCIAL AERIAL APPLI	CATION	COMMERCIAL, AGE 40, 2000 TOTAL HOURS, 1000 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE F	REE . AR	INTENDED DEST	INATION						
	FIRE OR E	CIDENT EXPLOSION IN FLI						OPERATION GHT SWATH R	UN	
	FACTOR(S) MISCELLAN MISCELLAN	AUSE(S) HEGUS — UNDETERMI HEGUS ACTS,CONDIT HEGUS ACTS,CONDIT	IONS - FIRE IN		INED C	DRIGIN				
	KIND OF	TA URS IN CROP CONTR OROP - UNKNOWN/NO SEAT BELT - UNKNO	T REPORTED		D	TY!	PE (OF OPERATION - OF CHEMICAL U: S - NOT USED HELMET - NOT	SED - DRY CHE	(DUST) MICAL-NONTOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA		S	M/N	PURPOSE		PILOT DATA	
	TIME - 163 NAME OF AI DEPARTURE WELDON, A TYPE OF AC	RPORT - MONTROSE POINT	DAMAGE-SUBSTANTIAL FLYING S INTENDED DESTINATION MONTROSE, AR	CR-	0 0 0 0	1 0 SE 0	COMMERCIAL	CTL ACTIVITY		
.	AIRFRAME MISCELLA	N COMMAND - ATTEMP E - LANDING GEAR ANEOUS ACTS, CONDIT	TED OPERATION W/KNOWN OBTAKING SYSTEM (NORMAL IONS - LEAK/LEAKAGE LUID LEAKING DURING TAX	SYSTEM)	S I N	EQUIPMENT			
3-1285	6/19/79 TIME - 190		BELL 47G-2 N3550 DAMAGE-SUBSTANTIAL						COMMERCIAL, FL.INSTR., AGE 42, 3236 TOTAL HOURS, 3015 IN TYPE, NOT INSTRU- MENT RATED.	
/		CCIDENT	INTENDED DESTINATION LOCAL				F OPERATION IGHT: EN RO	UTE TO TREAT C	ROP	
	PROBABLE CAUSE(S) - MISCELLANEOUS - VORTEX TURBULENCE -FACTOR(S) - PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING									
	KIND-OF -PILOT S	OURS-IN CROP CONTR CROPUNKNOWN/NO	WN/NOT REPORTED		T	YPE ANK/	OF CHEMICAL HOPPER-LOCA	NSPRAYING C USED - UNKNOWN TION - UNKNOWN/ DWN - UNKNOWN/	N/NOT REPORTED /NOT REPORTED	

FILE		LOCATION	AIRCRAFT DATA	IN.	JUR:	ES M/N	FLIGHT PURPOSE		PILOT DATA
3-1497	6/19/79 GARL/ TIME - 1230	AND AR	ROCKWELL S2R N4168X DAMAGE-SUBSTANTIAL					CTL ACTIVITY	COMMERCIAL, AGE 39, 11475 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.
•	NAME OF AIRPORT	- REED-JOSEPH IN							
	TYPE DE ACCIDENT	r			PH	IASE OF	OPERATION		
	GROUND-WATER	LOOP-SWERVE	· -			LANDING	ROLL		
	COLLIDED WITH	WIRES/POLES				LANDING	ROLL		•
	PROBABLE CAUSE(S	5)				•			
			KING SYSTEM (NORMAL	SYSTE	ч)				
	SPECTAL DATA								
	TOTAL HOURS IN	N CROP CONTROL	- 9999 NOT REPORTED			KIND OF	OPERATION	N - FERTILIZING	(DUST)
	KIND OF CROP	- RICE	NOT REPORTED			TYPE OF	CHEMICAL	USED - DRY CHE	MICAL-NONTOXIC
	CACCLES - NAT	HSED - UNKNOWN/	NOT REPORTED		٠.	CRASH F	- NOT USER	/ATLARIF-NOT US	:FD
	CRASH BAR - I	NSTALLED				TANK/HC	PPER-LOCA	TION - FORWARD	OF PILOT
	REMARKS- RIGHT	MAIN GEAR BRAKI	CYL FAILED.ACFT STR	UCK WI	NDS	OCK POLE	. PLT RPR	T TAIL WHEEL SH	IIMMY.
	•			,	-				
3-1508	6/23/70 I I CH	 T∌ÀR	SNOW S-2R	ER-	0 -	0 1 (COMMERCIAL		COMMERCIAL, AGE 37, 6000
	TIME - 1145		N5643X DAMAGE-DESTROYED	PX-	0 :	0 0 4	SSOC CROP	CTL ACTIVITY	TOTAL HOURS, 600 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT								
	DEPARTURE POINT	TI	NTENDED DESTINATION LOCAL						
	TYPE-OF ACCIDEN	T ·· ··	LOCAL		· PI	HASE OF	OPERATION		
	ENGINE FAILURE	E-OR MALFUNCTIO	IN ·			TAKEOFF	INITIAL	CLIMB	
	GEAR COLLAPSE	D	•			LANDING	E LEVEL O	FF/TOUCHDOWN	
	PROBABLE CAUSE	S) -	and the second second	•		•			
	POWERPLANT - E	ENGINE-STRUCTUR	E PISTON.PISTON RIN						
		CAL ZIANENERI							
	TERRAIN - ROUG		OSS OF POWER - 1 ENG						
	TERRAIN - ROUG PARTIAL POWER LO	DSS - PARTIAL I	OSS OF POWER - 1 ENG ED LANDING OFF AIRPO	INE -	LAN	ND			
	TERRAIN - ROUG PARTIAL POWER LO	DSS - PARTIAL (MSTANCES - FOR(OSS OF POWER - 1 ENG	INE -	LAN	ND			
	TERRAIN - ROUG PARTIAL POWER LO EMERGENCY CIRCUI SPECIAL DATA	DSS - PARTIAL MSTANCES - FOR(OSS OF POWER - I ENG ED LANDING OFF AIRPO	SINE IRT ON		K I ND O	OPERATION CHEMICAL	N — FERTILIZINO USED — DRY CHE	; (DUST) MICAL—NONTOXIC
	TERRAIN - ROUG PARTIAL POWER LO EMERGENCY CIRCUI SPECIAL DATA	DSS - PARTIAL MSTANCES - FOR(OSS OF POWER - I ENG ED LANDING OFF AIRPO	SINE IRT ON		K I ND O	OPERATION CHEMICAL - NOT USEN	N - FERTILIZING USED - DRY CHE D	; (DUST) MICAL-NONTOXIC
	TERRAIN - ROUG PARTIAL POWER LO EMERGENCY CIRCUI SPECIAL DATA	DSS - PARTIAL MSTANCES - FOR(OSS OF POWER - I ENG ED LANDING OFF AIRPO	SINE IRT ON		K I ND O	OPERATION CHEMICAL NOT USE VELMET - AV	N - FERTILIZINO USED - DRY CHE O VAILABLE USED	; (DUST) MICAL—NONTOXIC
	TERRAIN - ROUG PARTIAL POWER LO EMERGENCY CIRCUI SPECIAL DATA	DSS - PARTIAL MSTANCES - FOR(OSS OF POWER - 1 ENG ED LANDING OFF AIRPO	SINE IRT ON		K I ND O	OPERATION CHEMICAL NOT USE IELMET - AV BAR - INST.	N - FERTILIZINO USED - DRY CHE D VAILABLE USED AALLED EVEL-FLAT	; (DUST) MICAL-NONTOXIC

FILE .	DATE	LOCATION	AIRCRAFT DATA	F S-M/N	PURPOSE		PILOT DATA
3-1069	6/23/79 TIME - 093	WALDENBURG•AR 0	ROCKWELL S-2R N88710 DAMAGE-DESTROYED	CR- 0 0 1	COMMERCIAL ASSOC CROP	•	COMMERCIAL, AGE 31, 2820 TOTAL HOURS, 2800 IN TYPE, NOT INSTRUMENT RATED.
	WALDENBUR	RG. AR	NTENDED DESTINATION LOCAL	PHASE TAKE	OF OPERATION OFF INITIAL	CLIMB	
- "			COMPENSATION FOR WI	ND CONDITIONS			
	TIME - 083	O POINT I	N6785K DAMAGE-SUBSTANTIAL NTENDED DESTINATION	PX- 0 0 0	COMMERCIAL AERIAL APPL	ICATION	COMMERCIAL, AGE 27, 1267 TOTAL HOURS, ALL IN TYPE NOT INSTRUMENT RATED.
	COLLIDED NOSE OVE	CIDENT WITH DIRT BANK R/DOWN		PHASE IN F LAND	ING KULL	RUN	
	PROBABLE C. PILOT IN PILOT IN FACTOR(S)	AUSE(S) COMMAND - MISJUDGE COMMAND - SELECTED	D ALTITUDE AND CLEAR UNSUITABLE TERRAIN NS - OIL EXHAUSTION-	ANCE			
	EMERGENCY (CED LANDING OFF AIRPO PECTED OR KNOWN AIRC				
	TOTAL HOU KIND OF (PILOT'S S GOGGLES	TA URS IN CROP CONTROL CROP - RICE SEAT BELT - UNKNOWN - NOT USED CRASHPAD - INSTALLE DER-LOCATION - EORW	/NOT REPORTED	GLOV CRAS CRASI	OF CHEMICAL ES - NOT USED H HELMET - AV	USED - LIQUID	ROPS CHEMICAL-NONTOXIC
	ELEVATION REMARKS- LI	N-AREA BEING TREATE OST OIL PRES AFT ST	ARD OF PILOT D-FEET - 240 RIKING LEVEE ENROUTE	SWATI	RUN-HOW FLO	WN - CROSSWIND)

FILE	DATE	LOCATION	AIRCRAFT DATA				FLIGH PURPO	T SE		PILOT DATA
3-1502	TIME - 1		N4969Y DAMAGE-DESTROYED NTENDED DESTINATION				COMMERCI AERIAL A		ON	COMMERCIAL, AGE 26, 1217 TOTAL HOURS, 665 IN TYPE NOT INSTRUMENT RATED.
		ACCIDENT DED WITH TREES	•				OF OPERATI LIGHT PUL		1 SWATH RU	N
		E CAUSE(S) IN COMMAND - FAILED T	O SEE AND AVOID OBJEC	TS OR	OBS	TRUC	TIONS			
	SPECIAL TOTAL KIND C GLOVES CRASH CRASH TERRAI		ED			JYPE GOGG COCK TANK ELEV	LES - NOT PIT CRASHP /HOPPER-LO ATION-AREA	AL USED USED AD - INS CATION - BEING 1	- LIQUID TALLED - FORWARD TREATED-FE	CHEMICAL-TOXIC OF PILOT
3-1068	TIME - 1 DEPARTUR	RE POINT I	N8416V DAMAGE-SUBSTANTIAL NTENDED DESTINATION		0	0 0	ASSOC CR	OP CTL A		COMMERCIAL, AGE 30, 2800 TOTAL HOURS, ALL IN TYPE NOT INSTRUMENT RATED.
		ACCIDENT MUSH			PF	-	DF OPERATI LIGHT EN		TREAT CR	OP

	DATE	LOCATION	AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA			
3-1507	-7/13/79 NR TIME - 1430	.HOLLY GROVE.AR	PIPER PA-25 N9845P DAMAGE-DESTROYED			COMMERCIAL, AGE UNK/NR, 18500 TOTAL HOURS, 4000 IN TYPE, UNK/NR INSTRU- MENT RATED.			
	DEPARTURE POR HOLLY GROVE TYPE OF ACCULIDED STALL COLLIDED STALL PROBABLE CALPILOT IN COMEATHER -	E→AR IDENT WITH TREES USE(S)	INTENDED DESTINATION LOCAL TO OBTAIN/MAINTAIN FL	TAKE L AND	OF OPERATION OFF INITIAL CLIMB ING ROLL				
	5 OR OVER	AT ACCIDENT SITE (UNLIMITED) S TO VISION AT AC		UNLI PRECIP NONE	ITATION AT ACCIDEN				
•	KIND OF CO PILOT'S SE CRASH HELO CRASH BAR	RS IN CROP CONTRO ROP - RICE EAT BELT - UNKNOW MET - AVAILABLE U - NOT INSTALLED	JSED	TYPE GLOV COCK TANK	ES - NOT USED PIT CRASHPAD - NOT /HOPPER-LOCATION -	- DRY CHEMICAL-NONTOXIC INSTALLED			
3-1501	7/13/79 NR TIME - 0730	.POLLARD.AR	GRUMMAN G-164A N4643 DAMAGE-DESTROYED		COMMERCIAL AERIAL APPLICATIO	TYPE, NOT INSTRUMENT			
	DEPARTURE PO		INTENDED DESTINATION LOCAL		•	RATED.			
		IDENT VITH OBJECT			OF OPERATION LIGHT SWATH RUN				
	PROBABLE CAL		TO SEE AND AVOID OBJE	CTS OR OBSTRUC	TIONS				
	KIND OF CA PILOT'S SE GOGGLES - CRASH BAR	RS IN CROP CONTRO ROP - RIGE EAT BELT - UNKNOW NOT USED - INSTALLED YPE - LEVEL,FLAT		KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - USED CRASH HELMET - AVAILABLE USED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 250					

FILE			AIRCRAFT DATA					
3-1506	7/19/79 NI TIME - 1500 DEPARTURE (R.TICHNOR.AR D POINT	GRUMMAN G-164A N7219 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX-	0 0 0 0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 24, 1425 TOTAL HOURS, 600 IN TYPE INSTRUMENI RATED.
	TYPE OF ACC	CIDENT AILURE OR MALFUNC	, 20072				OPERATION IGHT PROCEDURE TURNAR IG ROLL	
	MISCELLAR FACTOR(S)	NT - ENGINE STRUC NEOUS ACTS, CONDIT	TURE CYLINDER ASSEMBLY IONS - MATERIAL FAILURE					
	COMPLETE P		ETE ENGINE FAILURE/FLAM ORCED LANDING OFF AIRPO			Е		
a.	SPECIAL DA TOTAL HOO KIND OF (PILOT'S GOGGLES - CRASH BAI TERRAIN-	TA URS IN CROP CONTR CROP - RICE SEAT BELT - UNKNO - NOT USED TYPE - ROLLING	OL - 600 WN/NOT REPORTED SSWIND HINKN RSN_ACET NOSED OV		KIN TYP GLO CRA TAN	D (E C VE: SH K/I	OF OPERATION - FERTILI OF CHEMICAL USED - DRY OF NOT USED HELMET - AVAILABLE US HOPPER-LOCATION - FORW HELDON-AREA BEING TREATE	ZING (DUST) CHEMICAL-NONTOXIC ED JARD OF PILOT D-FFFT - 190
		N-HOW FLOWN - CRO 9 CYL FAILED FOR	SSWIND UNKN RSN.ACFT NOSED OV	ER WHI	PRO LE PLT	CEI	OURE TURNAROUND - SECO TTEMPTED TO STOP FOR D	ND 1/3 TURN TITCH.
3-1498	TIME - 183	HUNTER • AR O	DAMAGE-SUBSTANTIAL	CR- PX-	0 0	1 0 :.	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 35, UNK/NR TOTAL HOURS, 8000 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE I	POINT R	INTENDED DESTINATION LOCAL					RAILU.
	TYPE OF ACC ENGINE F NOSE OVER	ALLUKE UK MALFUNC	TION		IN	FL:	FOPERATION IGHT SWATH RUN IG LEVEL OFF/TOUCHDOW	IN
			S POWERPLANT FAILURE F	OR UND	ETERMI	NEI	O REASONS	
	COMPLETE P	OWER LOSS - COMPL	IONS - AIRCRAFT CAME TO ETE ENGINE FAILURE/FLAM ORCED LANDING OFF AIRPO	IEOUT-1	ENGIN			
	KIND OF OPILOTOS GOGGLES COCKPIT TANK/HOP ELEVATIO	URS IN CROP CONTR CROP - RICE SEAT BELT - FASTE - NOT USED CRASHPAD - INSTAL PER-LOCATION - FO N-AREA BEING TREA		DEST I	TYP GLC CRA CRA TER SWA	E (IVE: SH SH RAI	S - NOT USED HELMET - AVAILABLE US BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CROSS	UID CHEMICAL-NONTOXIC

				S OF A							
FILE	DATE	LOCATION	AIRCRAFT DATA			RIES S M/N		FLIGHT PURPOSE		PILOT DATA	
3-1496	8/2/79 TIME - 093	GRIFFITHVILLE•AR 30	GRUMMAN G-164 N5213 DAMAGE-SUBSTANTIAL					COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 23, 650 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.	
	DEPARTURE GRIFFITH TYPE OF AC	HVILLE, AR	INTENDED DESTINATION LOCAL		F	HASE	OF	- OPERATION			
	COLLIDED	WITH DIRT BANK				TAKE	OF	F RUN			
•		N COMMAND - IMPROPE	R OPERATION OF BRAKES LY TOUCHED BRAKE DURG			LIGH.	Τ (CONTROLS			
3-1509	TIME - 173		GRUMMAN G-164B N4563 DAMAGE-DESTROYED							COMMERCIAL, AGE 38, 5453 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.	
	DEPARTURE	NAME OF AIRPORT - NEWPORT AIR BASE DEPARTURE POINT INTENDED DESTINATION AMAGON∙AR LOCAL									
	TYPE OF AC STALL M		PHASE OF OPERATION TAKEOFF INITIAL CLIMB								
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S)										
	MISCELLANEOUS ACTS.CONDITIONS - LOAD NOT JETTISONED TERRAIN - HIGH OBSTRUCTIONS										
	KIND OF PILOT'S GOGGLES	OURS IN CROP CONTROL CROP - RICE SEAT BELT - UNKNOWN - NOT USED					KIND OF OPERATION - FERTILIZING (DUST) TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED				
	FIRE AFTER	COCKPIT CRASHPAD - INSTALLED CRASH BAR - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT TRE AFTER IMPACT EMARKS- STALLED AS PLT ATTEMPTED TO CLEAR TREE LINE.									

	DATE		AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA						
	8/6/79		GRUMMAN G-164A	CR- 0 1 0 C	COMMERCIAL AERIAL APPLICATION							
		RE POINT T•AR	INTENDED DESTINATION LOCAL									
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES PHASE OF OPERATION IN FLIGHT SWATH RUN											
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS											
	FACTOR(ONS	ors on obstrootic	343							
	KIND (PILOT GOGGL) COCKP	HOURS IN CROP CONT OF CROP - RICE 'S SEAT BELT - UNKN ES - NOT USED IT CRASHPAD - INSTA	OWN/NOT REPORTED	TYPE OF GLOVES CRASH F CRASH E	HELMET - AVAILABLE US BAR - INSTALLED	CHEMICAL-NONTOXIC						
		TION-AREA BEING TRE			N-TYPE - LEVEL,FLAT RUN-HOW FLOWN - UNKNO	WN/NOT REPORTED						

			BKIEF	S OF A								
FILE		LOCATION	AIRCRAFT DATA	IN	JUR F	IES S M/N	V	PURPOSE		PILOT DATA		
		MCGEHEE, AR	PIPER PA-25	CR- PX-	0	0	1	COMMERCIAL		COMMERCIAL, AGE 46, 6000 TOTAL HOURS, 4000 IN TYPE, NOT INSTRUMENT RATED.		
	DEPARTUR MCGEHE											
	TYPE OF ACCIDENT PHASE OF OPERATION STALL MUSH TAKEOFF INITIAL CLIMB											
	PILOT PILOT FACTOR(S	IN COMMAND - PREMAT		YING S	PEE	D						
	SKY COND	ITION -			С	EILIN		AT ACCIDEN	T SITE ·			
	VISIBILI	TY AT ACCIDENT SITE VER.(UNLIMITED)				RECIF	PIT.	ATION AT A	CCIDENT SITE			
		IONS TO VISION AT A	CCIDENT SITE	TEMPERATURE-F								
		ECTION-DEGREES		WIND VELOCITY-KNOTS								
	_	WEATHER CONDITIONS		TYPE OF FLIGHT PLAN NONE								
	TOTAL KIND OF PILOT! GOGGLES COCKPI	DATA HOURS IN CROP CONTR F CROP — COTTON S SEAT BELT — UNKNO S — NOT USED T CRASHPAD — INSTAL DPPER-LOCATION — FOI	WN/NOT REPORTED			TYPE GLOV CRAS CRAS	OF VES SH F	- NOT USE) VAILABLE-NOT U: ALLED	CHEMICAL-NONTOXIC		

PAGE 61

FILE	DATE	LOCATION	AIRCRAFT DATA	F	. S M	/N		PILOT DATA
3-1326	8/23/79 TIME - 14	₩ABBASEKA,AR 425	CESSNA A188B N731YL DAMAGE-SUBSTANTIAL				COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 19, 1288 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE WABBASE TYPE OF A	EKA•AR ACCIDENT ED WITH TREES	INTENDED DESTINATION LOCAL	•			F OPERATION IGHT PROCEDURE TURNA	ROUND
	MISCÉLL FACTOR (SI	CAUSE(S) ANEOUS - VORTEX TUR - HIGH OBSTRUCTION			•		•	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI PROCEDU	DATA HOURS IN CROP CONTRO CROP - COTTON S SEAT BELT - UNKNOW S - NOT USED I CRASHPAD - INSTALL IPPER-LOCATION - FOR ION-AREA BEING TREAT IRE TURNAROUND - SEC TWO-PLANE OPERATION	N/NOT REPORTED LED WARD OF PILOT LED-FEET - 200 LOND 1/3 TURN	t.	TY GI CR CF TE	PE OVE ASH RASH RRA	OF OPERATION - FERTIL OF CHEMICAL USED - LI ES - NOT USED I HELMET - AVAILABLE-N H BAR - INSTALLED IN-TYPE - LEVEL,FLAT H RUN-HOW FLOWN - WIND	QUID CHEMICAL-NONTOXIC OT USED
3-2201	9/6/79 TIME - 15	NR.WILMONT.AR 530	ROCKWELL IN S-2R N8474V					COMMERCIAL, AGE 38, 1880 TITY TOTAL HOURS, 398 IN TYPE,
÷	DEPARTURE WILMONT TYPE OF A ENGINE	AIRPORT - MCGINTY FL E POINT AR ACCIDENT FAILURE OR MALFUNCT ED WITH CROP	INTENDED DESTINATION LOCAL		T	KEC	OF OPERATION OFF INITIAL CLIMB ING LEVEL OFF/TOUCHDO	NOT INSTRUMENT RATED.
	POWERPL MISCELL FACTOR(S) TERRAIN COMPLETE	LANEOUS ACTS,CONDIT:) N - HIGH VEGETATION POWER LOSS - COMPLE	TURE CYLINDER ASSEMBLY IONS - MATERIAL FAILURE TE ENGINE FAILURE/FLAM DRCED LANDING ON AIRPOR	EOUT-1			SE/HELIPT.	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HE	DATA HOURS IN CROP CONTRO F CROP - COTTON S SEAT BELT - UNKNOW S - NOT USED T CRASHPAD - INSTALL DPPER-LOCATION - FOW CYL BARREL FAILED.	N/NOT REPORTED		T' GI CI	PE OVE	OF OPERATION - SPRAYI OF CHEMICAL USED - LI SS - USED H HELMET - AVAILABLE U H BAR - INSTALLED	QUID CHEMICAL-TOXIC

FILE	DATE		AIRCRAFT DATA	1	F 5	M/N	I PURPOSE		PILOT DATA
3-1872		NR.MARION, AR	GRUMMAN G-164B N6944K DAMAGE-DESTROYED	CR-	0	0 1	COMMERCIAL D AERIAL APPL		COMMERCIAL, AGE 33, 1400 TOTAL HOURS, 1000 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE MARION, A TYPE OF A COLLIDE	R	INTENDED DESTINATION LOCAL		. PF	IASE In F	OF OPERATION LIGHT PULLUP	FROM SWATH R	
	PROBABLE PILOT II		TO SEE AND AVOID OBJEC	TS OR	OBS	TRUC	TIONS		
	KIND OF PILOT'S GOGGLES TERRAIN	OURS IN CROP CONTR	WN/NOT REPORTED			TYPE GLOV CRAS ELEV	OF CHEMICAL /ES - NOT USED SH HELMET - AV /ATION-AREA BE	AILABLE USED ING TREATED-F	CHEMICAL-NONTOXIC
	•								
3~0243	1/26/79 TIME - 18		CESSNA 188B N731UA DAMAGE-SUBSTANTIAL					CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 47, 15000 TOTAL HOURS, 4000 IN TYPE, INSTRUMENT RATED.
		IRPORT - BRAWLEY M POINT .CA	JNICIPAL INTENDED DESTINATION BRAWLEY.CA	¥					INSTRUMENT RATED
	TYPE OF A		S.A. ILLEY YOR				OF OPERATION ING ROLL		
	FACTOR(S) MISCELL	N COMMAND - SELECT ANEOUS ACTS,CONDIT	ED UNSUITABLE TERRAIN IONS — LANDED IN CONSTR	RUCTIO	N AR	ΕA			
	MISCELLA	ANEOUS ACTS, CONDIT	IONS - RUNWAY CLOSED						
	KIND OF PILOT'S GOGGLES COCKPIT	ATA OURS IN CROP CONTR CROP - OTHER SEAT BELT - UNKNO - NOT USED CRASHPAD - INSTAL PPER-LOCATION - FO	WN/NOT REPORTED	٠		TYPE GLOV CRAS CRAS	/ES - USED H HELMET - AV SH BAR - INSTA	USED - LIQUID AILABLE USED	CHEMICAL-NONTOXIC

FILE			AIRCRAFT DATA								PILOT DATA
	2/24/79 TIME - 173	TAFT,CA O	ROCKWELL S2R N8467V DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 C(DMMERCIAL SSOC CROP	CTL	ACTIVITY	COMMERCIAL, AGE 34, 4193 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.
	TAFT,CA TYPE OF AC		INTENDED DESTINATION LOCAL	٠			0F (PERATION HT SWATH			
	PROBABLE C PILOT IN	AUSE(S) COMMAND - MISJUDG	ED CLEARANCE								
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP	URS IN CROP CONTRO CROP - OTHER SEAT BELT - UNKNOW - NOT USED CRASHPAD - INSTALL	IN/NOT REPORTED .ED WARD OF PILOT			TYPI GLO CRAS CRA TERI	E OF VES SH HI SH B RAIN	CHEMICAL - NOT USE ELMET - AN AR - INST -TYPE - LI	USEI D VAIL ALLE EVEL	ABLE USED	CHEMICAL-TOXIC
3-0285	2/25/79 N TIME - 123	R.BRENTWOOD,CA O	HILLER UH-12B N94731 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0	1 CI 0 AI	OMMERCIAL ERIAL APPI	_I C A	TION	COMMERCIAL, AGE 27, 1305 TOTAL HOURS, 1101 IN TYPE, NOT INSTRUMENT RATED.
	BRENTWOOD TYPE OF AC ENGINE F	• CA				IN	FLIG		DUR.E	TURNAROUNE UTOROTATIVE	
	MISCELLA FACTOR(S) TERRAIN PARTIAL PO	NT - IGNITION SYST NEOUS ACTS,CONDITI - HIGH OBSTRUCTION WER LOSS - PARTIAL	ONS - CARBON DEPOSITS		LAN	ID					
	KIND OF PILOT'S GOGGLES COCKPIT (TANK/HOP ELEVATION	TA URS IN CROP CONTRO CROP — OTHER SEAT BELT — FASTEN — NOT USED CRASHPAD — NOT INS PER-LOCATION — SID N-AREA BEING TREAT E TURNAROUND — SEC	ED-PROPERLY TALLED ES ED-FEET - 120			TYP GLOV CRAS CRAS	E OF VES - SH HI SH BA RAIN	CHEMICAL - NOT USEE ELMET - A' AR - NOT I -TYPE - LI	USE VAIL INSTA EVEL	ABLE USED	CHEMICAL-TOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA			IES S M/			PILOT DATA			
-0147	2/27/79 N TIME - 122	R.MANTECA,CA 5						COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 27, 2310 TOTAL HOURS, 525 IN TYPE, INSTRUMENT RATED.			
			INTENDED DESTINATION LOCAL									
	TRACY,CA											
	TYPE OF AC					F OPERATION	ADOUND					
		AILURE OR MALFUN						IGHT PROCEDURE TURNA				
	COLLIDED WITH FENCE, FENCEPOSTS LANDING LEVEL OFF/TOUCHDOWN											
	PILOT IN	COMMAND - MISMA	OUATE PREFLIGHT PREPARAT NAGEMENT OF FUEL	IUN A	ND/(JK P	LAN	NN1 NG				
	PILOT IN MISCELLA FACTOR(S) TERRAIN TERRAIN COMPLETE P	COMMAND - MISMA NEOUS ACTS, CONDI - HIGH VEGETATIO - HIDDEN OBSTRUC DWER LOSS - COMP	NAGEMENT OF FUEL TIONS - FUEL EXHAUSTION N	EOUT-	1 E	NG I N		NN1 NG				

FILE		LOCATION		IN.	JURIES S M.	/N		PILOT DATA
	3/1/79 N TIME - 094	R.HEMET,CA	AERO COMDR A-9B N7684V DAMAGE-DESTROYED	CR- PX-	0 1 0 0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 30, 522 TOTAL HOURS, 162 IN TYPE NOT INSTRUMENT RATED.
	DEPARTURE HEMENT TYPE OF AC		NTENDED DESTINATION LOCAL				F OPERATION IGHT PROCEDURE TURNA	AR OUND :
	FACTOR(S)		D ALTITUDE AND CLEAR	ANCE	•			
	SKY CONDIT				CEIL:	_	AT ACCIDENT SITE	•
	VISIBILITY 5 OR OVE OBSTRUCTIO		RA TEMPI	IN Era	TATION AT ACCIDENT SI TURE-F	TE		
	NONE TYPE OF WE VFR			60 TYPE NO	OF	FLIGHT PLAN		
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO	URS IN CROP CONTROL CROP - GRAIN FIELDS SEAT BELT - UNKNOWN - USED CRASHPAD - INSTALLE PER-LOCATION - FORW N-AREA BEING TREATE E TURNAROUND - SECO	/NOT REPORTED D ARD OF PILOT D-FEET - 1450		TYI GLO CR CR TEI	PE DVE: ASH ASH RRA	OF OPERATION - FERTIL OF CHEMICAL USED - DR S - USED HELMET - AVAILABLE U BAR - INSTALLED IN-TYPE - ROLLING RUN-HOW FLOWN - UPWI	JSED
3-0478	3/2/79 N TIME - 001	R•SHAFTER•CA .0	BELL OH13H N9001T DAMAGE-DESTROYED	CR- PX-	1 0 0 0	0	COMMERCIAL ASSOC CROP CTL ACTIV	COMMERCIAL, AGE 46, 1791 VITY TOTAL HOURS, 1681 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE SHAFTER, C TYPE OF AC	CIDENT	NTENDED DESTINATION SHAFTER, CA		PHAS	E O	F OPERATION	
	PROBABLE C MISCELLA FIRE AFTER	NEOUS - UNDETERMINE	ED		. 1N	ГС	IGHT CLIMB TO CRUISE	· .

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	IUR I E	6 1/N	FLIGHT PURPOSE	PILOT DATA						
		.DINUBA,CA		CR- PX-			COMMERCIAL	COMMERCIAL, AGE UNK/NR, 8005 TOTAL HOURS, 500 IN TYPE, NOT INSTRUMENT RATED.						
	DEPARTURE POINT INTENDED DESTINATION DINUBA.CA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT PULLUP FROM SWATH RUN COLLIDED WITH OBJECT LANDING ROLL													
	PERSONNEL POWERPLAN MISCELLAN MISCELLAN FACTOR(S) TERRAIN - TERRAIN - COMPLETE PO	TERRAIN - HIGH VEGETATION TERRAIN - HIDDEN OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE MERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND												
	KIND OF C PILOT'S S GOGGLES — COCKPIT Ç TANK/HOPP ELEVATION	RS IN CROP CONTR ROP - FRUIT ORCH, EAT BELT - UNKNO NOT USED RASHPAD - INSTAL ER-LOCATION - FOI -AREA BEING TREA	ARDS WN/NOT REPORTED LED RWARD OF PILOT TED-FEET - 320		TY GI CI TI SI	PE OVE ASH RASH RRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQUI S - NOT USED HELMET - AVAILABLE USED BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - UPWIND T STRUCK VINES & VENT PI	D CHEMICAL-NONTOXIC						
3 - 0245	3/7/79 TIME - 1315	VINA,CA	SIKORSKY H-19D N9894 DAMAGE-DESTROYED				COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 44, 1800 TOTAL HOURS, 1200 IN TYPE, NOT INSTRUMENT RATED.						
	VINA,CA TYPE OF ACC	IDENT ILURE OR MALFÜNC	INTENDED DESTINATION LOCAL TION		T.	KEO	F OPERATION FF INITIAL CLIMB NG ROLL	NATEU.						
	MISCELLAN	T - TRANSMISSION EOUS ACTS, CONDIT	ROTOR DRIVE SYSTEM OT IONS - MATERIAL FAILURE ORCED LANDING OFF AIRPO		LAND									
	KIND OF C PILOT'S S GOGGLES - COCKPIT C TANK/HOPP ELEVATION	RS IN CROP CONTRI ROP - FRUIT ORCH EAT BELT - FASTE! NOT USED RASHPAD - NOT IN: ER-LOCATION - OT! -AREA BEING TREA	ARDS NED-PROPERLY STALLED HER	OTOR.	T' GI CF CF	PE OVE ASH ASH	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQUI S - NOT USED HELMET - AVAILABLE USED BAR - NOT INSTALLED IN-TYPE - LEVEL+FLAT	D CHEMICAL-TOXIC						

DATE LOCATION	AIRCRAFT DATA	INJURI	ES	FLIGHT	PILOT DATA					
	ROCKWELL S2R N8548V	CR - 0 PX- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 36, 3182 TOTAL HOURS, 162 IN TYPE, INSTRUMENT RATED.					
DEPARTURE POINT COALIGA,CA TYPE OF ACCIDENT	INTENDED DESTINATION LOCAL				INSTRUMENT RATES.					
STALL		-	IN FL	IGHT PROCEDURE TURNAR	DUND					
PROBABLE CAUSE(S) PILOT IN COMMAND - FA	LED TO OBTAIN/MAINTAIN FLY	ING SPEED								
KIND OF CROP - OTHER PILOT'S SEAT BELT - UI GOGGLES - NOT USED	NKNOWN/NOT REPORTED		TYPE GLOVE CRASH	OF CHEMICAL USED - LIQU S - USED HELMET - AVAILABLE-NO	JID CHEMICAL-TOXIC					
TANK/HOPPER-LOCATION - ELEVATION-AREA BEING PROCEDURE TURNAROUND -	- FORWARD OF PILOT TREATED-FEET - 650 - SECOND 1/3 TURN		TERRA	IN-TYPE - LEVEL, FLAT	WIND					
		•								
3/14/79 RUMSEY,CA TIME - 1000	N7863	PX- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE UNK/NR, 6000 TOTAL HOURS, 1800 IN TYPE, NOT INSTRUMENT RATED.					
BROOKS, CA	INTENDED DESTINATION LOCAL				KATED.					
	WATER CONTROLLED				DUND					
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE, SPEED, AND ALTITUDE										
KIND OF CROP - GRAIN GLOVES - USED CRASH HELMET - AVAILA	FIELDS BLE USED		TYPE GOGGL COCKP TANK/	OF CHEMICAL USED - LIQ ES - NOT USED IT CRASHPAD - NOT INST	UID CHEMICAL-NONTOXIC ALLED ARD OF PILOT					
_	3/9/79 NR.COALIGA.CA TIME - 1050 DEPARTURE POINT COALIGA.CA TYPE OF ACCIDENT STALL PROBABLE CAUSE(S) PILOT IN COMMAND - FAN SPECIAL DATA TOTAL HOURS IN CROP CO KIND OF CROP - OTHER PILOT'S SEAT BELT - UO GOGGLES - NOT USED COCKPIT CRASHPAD - NOO TANK/HOPPER-LOCATION - ELEVATION-AREA BEING PROCEDURE TURNAROUND - REMARKS- PREPARING BARE 3/14/79 RUMSEY.CA TIME - 1000 DEPARTURE POINT BROOKS.CA TYPE OF ACCIDENT COLLISION WITH GROUND. PROBABLE CAUSE(S) PILOT IN COMMAND - MI. SPECIAL DATA TOTAL HOURS IN CROP CO KIND OF CROP - GRAIN OF COUVES - USED CRASH HELMET - AVAILAN	3/9/79 NR.COALIGA.CA ROCKWELL S2R TIME - 1050 N8548V DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION COALIGA.CA LOCAL PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLY SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1490 KIND OF CROP - OTHER PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 650 PROCEDURE TURNAROUND - SECOND 1/3 TURN REMARKS- PREPARING BARE FIELD FOR CROP. 3/14/79 RUMSEY.CA GRUMMAN G-164A TIME - 1000 N7863 DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION BROOKS.CA LOCAL TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE.SPEED.AND SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORT KIND OF CROP - GRAIN FIELDS	3/9/79 NR.COALIGA.CA ROCKWELL SZR CR- 0 TIME - 1050 N8548V PX- 0 DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION COALIGA.CA LOCAL TYPE OF ACCIDENT STALL PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1490 KIND OF CROP - OTHER PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 650 PROCEDURE TURNAROUND - SECOND 1/3 TURN REMARKS- PREPARING BARE FIELD FOR CROP. 3/14/79 RUMSEY,CA GRUMMAN G-164A CR- 0 TIME - 1000 N7863 PX- 0 DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION BROOKS,CA LOCAL TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - GRAIN FIELDS GLOVES - USED CRASH HELMET - AVAILABLE USED	F S M/N 3/9/79 NR.COALIGA,CA ROCKWELL S2R CR- 0 0 1 TIME - 1050 N8548V PX- 0 0 0 0 DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION COALIGA,CA LOCAL TYPE OF ACCIDENT PHASE OF TIME STALL PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1490 KIND KIND 0F CROP - OTHER TYPE GOGGLES - NOT USED CRASH COCKPIT CRASHPAD - NOT INSTALLED CRASH ELEVATION—AREA BEING TREATED—FEET - 650 SWATH PROCEDURE TURNAROUND - SECOND 1/3 TURN REMARKS— PREPARING BARE FIELD FOR CROP. 3/14/79 RUMSEY,CA GRUMMAN G-164A CR- 0 0 1 TIME - 1000 N7863 PX- 0 0 0 DAMAGE—SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION BROOKS,CA LOCAL TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED IN FL PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE,SPEED,AND ALTITUDE SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND KIND OF CROP - GRAIN FIELDS GLOVES - USED GOGGLE CRASH HELMET - AVAILABLE USED FYPE GLOVES - USED GOGGE COCKP	### S M/N PURPOSE 3/9/79 NR.COALIGA.CA ROCKHELL S2R PX- 0 0 1 COMMERCIAL TIME - 1050 N85-48V PX- 0 0 0 AERIAL APPLICATION DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION COALIGA.CA LOCAL TYPE OF ACCIDENT STALL PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED **SPECIAL DATA** TOTAL HOURS IN CROP CONTROL - 1490 KIND OF CROP - OTHER PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 650 PROCEDURE TURNAROUND - SECOND 1/3 TURN REMARKS- PREPARING BARE FIELD FOR CROP. **SPECIAL DATA** TIME - 1000 N7863 PX- 0 0 0 AERIAL APPLICATION DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION BROOKS.CA LOCAL TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE.SPEED.AND ALTITUDE SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED GOGGLES - NOT USED CRASH BAR - INSTALLED TREATMENT-TYPE - LEVEL,FLOT SWATH RUN-HOW FLOWN - CROSS PASS WATH RUN-HOW FLOWN - CROSS PASS WATH RUN-HOW FLOWN - CROSS ** **SWATH RUN-HOW FLOWN - CROSS ** ** ** **PHASE OF OPERATION IN FLIGHT PROCEDURE TURNARY ** ** ** ** ** ** ** ** ** ** ** ** **					

FILE	DATE		AIRCRAFT DATA					PILOT DATA
3-0540	3/14/79 TIME - 112	14/79 LOS BANOS,CA PIPER PA-36 CR- 1 0 0 COMMERCIAL ME - 1127 N9946P PX- 0 0 0 AERIAL APPLICATION DAMAGE-DESTROYED PARTURE POINT INTENDED DESTINATION	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 29, 2391 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.				
			LOCAL				1	
	TYPE OF AC	S•CA CIDENT WITH TREES					F OPERATION IGHT PULLUP FROM SWATH	RUN
	FACTOR(S)	COMMAND - MISJU	DGED ALTITUDE AND CLEAR	ANCE				
	TERRAIN	- HIGH OBSTRUCTI	ONS				•	-
	SPECIAL DA	TA	•					· · · · · · · · · · · · · · · · · · ·
	KIND OF PILOT'S	URS IN CROP CONT CROP - OTHER SEAT BELT - FAILI - NOT USED			TY GL	PE OVE	OF OPERATION - DEFOLIAT OF CHEMICAL USED - LIQU S - NOT USED HELMET - AVAILABLE USE	ID CHEMICAL-TOXIC
	COCKPIT (TANK/HOP	CRASHPAD - INSTAI PER-LOCATION - F	ORWARD OF PILOT		CR TE	ASH RRA	BAR - INSTALLED IN-TYPE - LEVEL,FLAT	•
		N-AREA BEING TREA E TURNAROUND - E	NTRY TO PROCEDURE TURN		2M	A IП	RUN-HOW FLOWN - WIND C	ALM
		-						
3-0302	3/19/79 TIME - 114	REDDING,CA 7	PIPER PA-25 N9818P DAMAGE-SUBSTANTIAL	PX- (0 0	1 0	COMMERCIAL ASSOC CROP CTL ACTIVIT	ATP,FLIGHT INSTR., AGE Y 30, 2669 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
			MUNICIPAL INTENDED DESTINATION LOCAL					
	TYPE OF AC	CIDENT AILURE OR MALFUN	,		TA	KEO	F OPERATION FF INITIAL CLIMB NG LEVEL OFF/TOUCHDOWN	
		COMMAND - INADE	QUATE PREFLIGHT PREPARA TIONS - WATER IN FUEL	TION .AN	D/OR	PLA	NNING	
	FACTOR(S)	- ROUGH/UNEVEN	TIONS WATER IN TOLL	,				
	COMPLETE P	OWER LOSS - COMP	LETE ENGINE FAILURE/FLAN FORCED LANDING ON AIRPOR					
	GLOVES -	OPERATION - FERT	ILIZING (DUST)		GO CO	GG LI CKP	OF CHEMICAL USED - DRY ES - USED IT CRASHPAD - NOT INSTA	LLED
		R - INSTALLED ATER FOUND IN FU	EL SYSTEM AFTER ACCIDEN	Т.	TA	NK/I	HOPPER-LOCATION - FORWA	RD OF PILOT

FILE		LOCATION	AIRCRAFT DATA	INJU F	RIES S M/N	FLIGHT I PURPOSE	PILOT DATA
3-0735	4/2/79 GU TIME - 0610	ADALUPE, CA	BELL 47G2M N6327D DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 PX- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 38, 4000 TOTAL HOURS, 390 IN TYPE, INSTRUMENT RATED.
-	TYPE OF ACCID	ENT	LOCAL			OF OPERATION LIGHT SWATH RUN	
	FACTOR(S)	MMAND - FAILE	O TO SEE AND AVOID OBJEC	TS OR O	BSTRUC	TIONS	
	KIND OF CRO PILOT'S SEA GOGGLES - N COCKPIT CRA TANK/HOPPER	OT USED SHPAD - NOT I -LOCATION - SI REA BEING TRE	OWN/NOT REPORTED		TYPE GLOV CRAS CRAS TERR	O OF OPERATION — DUSTING OF CHEMICAL USED — LIQ YES — USED H HELMET — AVAILABLE US SH BAR — NOT INSTALLED AIN-TYPE — LEVEL,FLAT TH RUN-HOW FLOWN — WIND	UID CHEMICAL-NONTOXIC
3 - 0657	4/3/79 NR.G TIME - 0930	ERBER.ÇA	PIPER PA-25 N54889 DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 32, 5075 TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POI GERBER.CA TYPE OF ACCID ENGINE FAIL	RT - GERBER S NT JENT URE OR MALFUNG TH OBJECT	INTENDED DESTINATION LOCAL CTION		PHASE IN F LANG	OF OPERATION LIGHT SWATH RUN DING ROLL	
	POWERPLANT MISCELLANEO	MAINTENANCE, - FUEL SYSTEM US ACTS, CONDI	SERVICING, INSPECTION IN LINES AND FITTINGS TIONS - LOOSE, PART/FITTI FORCED LANDING OFF AIRPO	ING	E MAIN	TENANCE AND INSPECTION	
	KIND OF CRO PILOT'S SEA GOGGLES - N COCKPIT CRA TANK/HOPPER ELEVATION-A	OP - OTHER IT BELT - FASTI OT USED SHPAD - INSTAI C-LOCATION - F REA BEING TREA	ROL - 4000 ENED-PROPERLY LLED ORWARD OF PILOT ATED-FEET - 200 ARREL LDG ON ROAD.		TYPE GLOV CRAS CRAS	O OF OPERATION - FERTILI F OF CHEMICAL USED - UNK FES - NOT USED SH HELMET - AVAILABLE US SH BAR - INSTALLED KAIN-TYPE - LEVEL, FLAT TH RUN-HOW FLOWN - UPWIN	KNOWN/NOT REPORTED SED

PAGE 70

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JURIE F S	S M/N	FLIGHT PURPOSE	PILOT DATA
3-0802	4/8/79 NI TIME - 085	R.GRIDLEY.CA 6	GRUMMAN G-164A N10212 DAMAGE-DESTROYED	CR- PX-	0 1 0 0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 25, 5050 TOTAL HOURS, 40 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF ACI	CIDENT N WITH GROUND/WATER			PHA	שני	F OPERATION IGHT NORMAL CRUISE	
		AUSE(S) NEOUS - UNDETERMINED						
	KIND OF OPILOT'S GOGGLES COCKPIT TANK/HOPP ELEVATION FIRE AFTER	URS IN CROP CONTROL CROP - CLOVER SEAT BELT - FASTENED - USED CRASHPAD - INSTALLED PER-LOCATION - FORWA N-AREA BEING TREATED IMPACT CDT UNOBSERVED,CAUSE	D-PROPERLY) RD OF PILOT D-FEET - 150		T G CI C T S	PE LOVE RASH RASH ERRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU ES - NOT USED I HELMET - AVAILABLE USE I BAR - INSTALLED IN-TYPE - LEVEL, FLAT I RUN-HOW FLOWN - CROSSW PILOT HAS NO RECOLLECTI	ID CHEMICAL-TOXIC IND
3-0596	4/19/79		BOEING A75 N52068 DAMAGE-SUBSTANTIAL	CR- PX-		0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 42, 9000 TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.
	DEPARTURE (RPORT - DIRT STRIP A POINT IN A CIDENT	TENDED DESTINATION					
	TYPE OF ACC	CIDENT WITH WIRES/POLES			PHA:	SE O	F OPERATION IGHT SWATH RUN	
	FACTUR(S)	AUSE(S) COMMAND - FAILED TO NEOUS ACTS,CONDITION	SEE AND AVOID OBJECTS - SUNGLARE	TS OR	OBST	RUCT	IONS	
	KIND OF (PILOT'S: GOGGLES - COCKPIT (TANK/HOPF ELEVATION FIRE AFTER	URS IN CROP CONTROL CROP - GRAPES SEAT BELT - FASTENED - USED CRASHPAD - INSTALLED PER-LOCATION - FORWA N-AREA BEING TREATED IMPACT	-PROPERLY) RD OF PILOT -FEET - 6		T G CF CI TI S	PE LOVE RASH RASH RRA	OF OPERATION - DUSTING OF CHEMICAL USED - DRY S - USED HELMET - AVAILABLE USE BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT I RUN-HOW FLOWN - CROSSW S.ACFT DID NOT BURN.	CHEMICAL-NONTOXIC D

FILE		LOCATION	AIRCRAFT DATA	IN.	JUR	RIES			PILOT DATA
3 - 1191	4/24/79 TIME - 074	FALLBROOK.CA 5	BELL 47G-2A N73872 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 30, 2075 TOTAL HOURS, 288 IN TYPE, INSTRUMENT RATED.
	CARLSBAD TYPE OF AC	O,CA CCIDENT FAILURE OR MALFUNG	RETURN		F	FAI PHAS	LBF	ROUTE STOP ROOK,CA F OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROTATI	
	MISCELLA MISCELLA FACTOR(S) TERRAIN COMPLETE F	A COMMAND - MISMAN ANEOUS ACTS, CONDI ANEOUS ACTS, CONDI - HIGH VEGETATION POWER LOSS - COMPI	TIONS - INATTENTIVE TO FILENS - FUEL EXHAUSTION	NEOUT-	1 E	ENGI		. ·	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP	DURS IN CROP CONTI CROP — FRUIT ORCH SEAT BELT — FASTI — USED CRASHPAD — NOT II PPER-LOCATION — SI	HARDS ENED-PROPERLY NSTALLED			GL(CR) CR	PE (DVE: ASH ASH	OF OPERATION - FERTILIZI DF CHEMICAL USED - LIQUI S - USED HELMET - AVAILABLE USED BAR - INSTALLED IN-TYPE - *ERROR-INVALID	D CHEMICAL-NONTOXIC
3-0576	4/27/79 TIME - 180	GUSTINE,CA DO	HILLER UH-12E N4027D DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1	COMMERCIAL AERIAL APPLICATION	AIRLINE TRANSPORT, AGE 34, 5750 TOTAL HOURS, 50 IN TYPE, INSTRUMENT RATED.
	DEPARTURE GUSTINE. TYPE OF AC	INTENDED DESTINATION LOCAL					F OPERATION IGHT. PULLUP FROM SWATH		
	FACTOR(S)		D TO SEE AND AVOID OBJEC				JCT	IONS	

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR F	IES S M	/N	FLIGHT PURPOSE		PILOT DATA
3-0990	4/29/79 TIME - 103	NR.GRIMES.CA 30	GRUMMAN G-164	CR-	0	0	1	COMMERCIAL		AIRLINE TRANSPORT, AGE 45, 6200 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
	DEPARTURE GRIMES.CA TYPE OF AC	A CCIDENT D WITH DITCHES	RIP INTENDED DESTINATION LOCAL		P	LA	NDI	F OPERATION NG ROLL NG ROLL		
	PROBABLE O PILOT IN FACTOR(S) AIRPORTS									
			TYPE (GLOVES CRASH CRASH TERRA SWATH		PE OVE ASH ASH RRA ATH	OF CHEMICAL S - USED HELMET - AV BAR - INSTA IN-TYPE - LE RUN-HOW FLO	AILABLE USED	EMICAL-NONTOXIC		
3-0835	TIME - 150	00 RPORT - VALLEY HOM	CESSNA A188B N731AQ DAMAGE-SUBSTANTIAL E INTENDED DESTINATION	CR- PX-	0	0	0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 42, 8500 TOTAL HOURS, 150 IN TYPE, NOT INSTRUMENT RATED.
	NEWMAN, C	DEPARTURE POINT INTENDED DESTINATION NEWMAN→CA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING ROLL								
	PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC. MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE									

PAGE 73

REMARKS- RGT MAIN STRUT FAILED APRX 8 IN ABOVE WHEEL.

FILE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE	PILOT DATA
3-0598	DEPARTURE NEWHALL TYPE OF A COLLIDE PROBABLE	BELL 47G3B1 N7829S DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR - PX-	0	O PHA:	O SE (COMMERCIAL AERIAL APPLICATION OF OPERATION LIGHT SWATH RUN		
	TOTAL HI KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI	PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 2000 KIND OF CROP - OTHER PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 1500 REMARKS- SPRAYING WALNUT TREES.					PE OVE ASH ASH	OF OPERATION - FERTILE OF CHEMICAL USED - LICES - USED H HELMET - AVAILABLE UH BAR - NOT INSTALLED AIN-TYPE - LEVEL,FLATH RUN-HOW FLOWN - CROSS	QUID CHEMICAL-NONTOXIC

PAGE 74

FILE			AIRCRAFT DATA	F	RIES S.M/	N	FLIGHT PURPOSE	PILOT DATA		
		R.RICHVALE, CA	GRUMMAN G-164 N616Y	CR - 0 PX- 0	0 0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 30, 2445 TOTAL HOURS, 199 IN TYPE INSTRUMENT RATED.		
		CA	IP INTENDED DESTINATION LOCAL		PHASE	01	F OPERATION GHT PROCEDURE TURNA			
	FACTOR(S)) TO OBTAIN/MAINTAIN FLY	ING SPE	E D .					
	SKY CONDIT	ION		(AT ACCIDENT SITE			
	VISIBILITY	AT ACCIDENT SITE R(UNLIMITED)		ŀ		PΙ	TATION AT ACCIDENT S	ITE		
	OBSTRUCTIO HAZE WIND VELOC	NS TO VISION AT A	ACCIDENT SITE		340		RECTION-DEGREES WEATHER CONDITIONS			
	15 TYPE OF FL NONE				VFR		TEATHER GONDITIONS			
	SPECIAL DA TOTAL HO KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP SWATH RU REMARKS- G	KIND OF OPERATION - FERTILIZING (DUST) TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED ELEVATION-AREA BEING TREATED-FEET - 120 PROCEDURE TURNAROUND - SECOND 1/3 TURN D AS WIND CHANGED.ACFT HIT TERRAIN AND FLIPPED OVER.								
3 - 0954	5/11/79	ROBBINS.CA	WEATHERLY 201B					PRIVATE, AGE 40, 8000		
	DEPARTURE	O . POINT	N1264W DAMAGE-SUBSTANTIAL INTENDED DESTINATION	PX- 0	0	0	AERIAL APPLICATION	TOTAL HOURS, 250 IN TYPE NOT INSTRUMENT RATED.		
	TYPE OF AC	OT REPORTED CIDENT WITH WIRES/POLE	REPORTED UNKNOWN/NOT REPORTED ENT PHASE OF OPERATION							
	PROBABLE C PILOT IN	AUSE(S) COMMAND - MISJUD	GED CLEARANCE							
	SPECIAL DA TOTAL HOI KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP SWATH RUI REMARKS-W		TYP GLO CRA CRA	E 0 VES SH SH	OF OPERATION — SPRAY) OF CHEMICAL USED — L: - NOT USED HELMET — AVAILABLE UBAR — NOT INSTALLED N—TYPE — LEVEL, FLAT	IQUID CHEMICAL-TOXIC				

FILE		LOCATION	AIRCRAFT DATA	IN	JUR :	IES S M	/ N	FLIGHT PURPOSE		PILOT DATA
	5/21/79 TIME - 11	NCHICO,CA	GRUMMAN G-164A N5358	CR- PX-	0 0	1 0	0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 33, 1100 TOTAL HOURS, 450 IN TYPE, NOT INSTRUMENT RATED.
·	NCHICO TYPE OF A ENGINE	•CA	LOCAL			TΔ	KEO	OPERATION FF INITIAL FF INITIAL		
	PILOT] FACTOR(S MISCELL	LANT - MISCELLANEOUS IN COMMAND - FAILED T	O OBTAIN/MAINTAIN FL NS - LOAD NOT JETTIS	YING S ONED			INE	O REASONS		
	KIND OF GLOVES CRASH F CRASH E TERRAI	DATA HOURS IN CROP CONTROL F CROP - RICE - NOT USED HELMET - AVAILABLE-NO BAR - INSTALLED N-TYPE - SWAMPY/WATER ER IMPACT	OT USED			GO! CO	PE (GGLE CKP	DF CHEMICAL ES - NOT USE IT CRASHPAD		EMICAL-NONTOXIC
	NAME OF DEPARTURE AG STR TYPE OF ENGINE NOSE OF	AIRPORT - AG STRIP E POINT I IP-LOS BANOS C	•	PX-	0	O HASI IN	0 FL	COMMERCIAL AERIAL APPL	LICATION	COMMERCIAL, AGE 33, 1843 TOTAL HOURS, 160 IN TYPE, NOT INSTRUMENT RATED.
	MISCELI FACTOR(S TERRAIN	ANEOUS ACTS, CONDITIO	NS - MATERIAL FAILUR	=	I LAI	ND.				
	KIND OF PILOT'S GOGGLE COCKPIT TANK/HIELEVAT	DATA HOURS IN CROP CONTROL F CROP — FRUIT ORCHAR S SEAT BELT — UNKNOWN S — NOT USED I CRASHPAD — NOT INST OPPER-LOCATION — FORW ION—AREA BEING TREATE URE TURNAROUND — THIR ALMOND ORCHARD.	NOT REPORTED ALLED IARD OF PILOT D-FEET - 150			GLI CR CR TE	PE I DVE: ASH ASH RRA	S - USED HELMET - AV BAR - INSTA IN-TYPE - LE	USED - LIQUID /AILABLE USED ALLED	CHEMICAL-TOXIC

FILE .	DATE	LOCATION	AIRCRAFT DATA	F	S M/N	N PURPOS	Ε	PILOT DATA		
3-1099	5/25/79 S TIME - 0545	ALINAS,CA	BELL 47-G2 N68367 DAMAGE-SUBSTANTIAL	CR- 0	0 1	L COMMERCIA	L	COMMERCIAL, AGE 50, 7091 TOTAL HOURS, 6000 IN TYPE, NOT INSTRUMENT RATED.		
	DEPARTURE PO SALINAS, CA TYPE OF ACCI		NTENDED DESTINATION LOCAL UNCONTROLLED			OF OPERATIO	ON EY FIELD/AREA			
			O MAINTAIN ADEQUATE F RRIED.	ROTOR R.	P.M.					
-1803	6/2/79 C TIME - 0145		AERO COMDR S2C N88510 DAMAGE-DESTROYED			. COMMERCIA) ASSOC CRO		COMMERCIAL, AGE 59, 1233 TOTAL HOURS, 5400 IN TYPE, NOT INSTRUMENT RATED.		
		CIDENT PHASE OF OPERATION								
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS									
	KIND OF CR PILOT'S SE GOGGLES - COCKPIT CR TANK/HOPPE	S IN CROP CONTROL OP - OTHER AT BELT - UNKNOWN	/NOT REPORTED ALLED ARD OF PILOT		TYPE GLOV CRAS CRAS TERR	OF CHEMICA VES - NOT US H HELMET - SH BAR - INS AIN-TYPE -	AVAILABLE USED TALLED	CHEMICAL-TOXIC		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA	
3-2020	6/5/79 NI TIME - 0830	R.HANFORD.CA	BOEING A75 N69652 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL	ACTIVITY TOTAL HOURS, 3000 IN TYPE, NOT INSTRUMENT RATED.	3510
	DEPARTURE HANFORD, CA	POINT A	INTENDED DESTINATION LOCAL		OF OPERATION	RATED.	
	NOSE OVE	A CIDENT AILURE OR MALFUNC R/DOWN	STRIP				
	PROBABLE C POWERPLAN FACTOR(S) TERRAIN -	AUSE(S) NT - MISCELLANEOU - WET,SOFT GROUND	S POWERPLANT FAILURE F				
	PILOT'S S GOGGLES COCKPIT (TANK/HOP ELEVATION	URS IN CROP CONTR CROP - COTTON SEAT BELT - UNKNO - USED CRASHPAD - NOT IN PER-LOCATION - FO N-AREA BEING TREA	STALLED RWARD OF PILOT	GLOV CRAS CRAS TERF	OF OPERATION - S OF CHEMICAL USED ES - USED H HELMET - AVAILA H BAR - NOT INSTA AIN-TYPE - LEVEL, H RUN-HOW FLOWN -	ABLE USED ILLED FLAT	
3-0965	- 1	HANFORD•CA O	DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICAT	COMMERCIAL, AGE 50, TION TOTAL HOURS, 4300 IN TYPE, NOT INSTRUMENT RATED.	13000
	DEPARTURE HANFORD	POINT	INTENDED DESTINATION LOCAL			CATED.	
	TYPE OF AC	CIDENT WITH WIRES/POLE	s	PHASE In F	OF OPERATION LIGHT PROCEDURE	TURNAROUND	
		NEOUS - SMOKE IN	COCKPIT ACCESSORIES - MISCELLA	ANEOUS EOUIPME	NT SPRAY, DUSTING	; EQUIPMENT	
	GLOVES - CRASH HEI CRASH BAI TERRAIN-	URS IN CROP CONTR CROP - COTTON NOT USED LMET - AVAILABLE R - INSTALLED TYPE - LEVEL,FLAT N-HOW FLOWN - CRO	USED	TYPE GOGG Cock Tank Elev	LES - NOT USED PIT CRASHPAD - IN /HOPPER-LOCATION	D - DRY CHEMICAL-NONTOXIC USTALLED - FORWARD OF PILOT TREATED-FEET - 5200	

				S OF ACCIDE			
FILE	DATE	LOCATION		INJURIE F S	S M/N	FLIGHT PURPOSE	PILOT DATA
3-2013	6/8/79 N TIME - 083	R.PORTERVILLE,CA	HILLER UH-12E N5335V DAMAGE-DESTROYED	CR- 0 0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 31, 3202
	DEPARTURE PORTERVIL TYPE OF AC COLLIDED	_	INTENDED DESTINATION LOCAL			OPERATION GHT SWATH RUN	
	FACTOR(S)	COMMAND - FAILED	TO SEE AND AVOID OBJECTIONS - WINDSHIELD, DIRT				
	MISCELLA	NEOUS ACTS.CONDIT - HIGH OBSTRUCTIO	IONS - SUNGLARE				
·	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO	URS IN CROP CONTRI CROP - FRUIT ORCH SEAT BELT - FASTEI - NOT USED CRASHPAD - NOT IN: PER-LOCATION - SI N-AREA BEING TREA	ARDS NED-PROPERLY STALLED	T GI CI CI T SI	YPE C LOVES RASH RASH ERRAI WATH	F OPERATION - SPRAYIN OF CHEMICAL USED - LIC - NOT USED HELMET - AVAILABLE USER BAR - NOT INSTALLED N-TYPE - ROLLING RUN-HOW FLOWN - CROSS IDE W PWR LINES.	QUID CHEMICAL-TOXIC
		tan da sana sana sana sana sana sana sana					
-0858	TIME - 010	POINT	ROCKWELL S2R N5512X DAMAGE-SUBSTANTIAL INTENDED DESTINATION	PX- 0 0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 38, 1050 TOTAL HOURS, 200 IN TYPE INSTRUMENT RATED.
	TYPE OF AC	,CA CIDENT WITH WIRES/POLE	S			OPERATION GHT PROCEDURE TURNAM	ROUND
	FACTOR(S)		TO SEE AND AVOID OBJEC	CTS OR OBST	≀UC TI	ONS	
	KIND OF GLOVES - CRASH HE CRASH BA TERRAIN- SWATH RU	TA DURS IN CROP CONTR CROP - TOMATOES - NOT USED LMET - AVAILABLE OF THE SERVICE - LEVEL, FLAT TYPE - LOWN - WIN IT POWERLINE.	JSED	T G C(T	YPE O OGGLE DCKPI ANK/H	OF OPERATION — FERTIL OF CHEMICAL USED — LIC ES — NOT USED T CRASHPAD — NOT INS HOPPER—LOCATION — FOR TON—AREA BEING TREATE	QUID CHEMICAL-NONTOXIC TALLED WARD OF PILOT

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
	6/15/79 NR.NAPA,CA TIME - 0820	BELL OH-13H N51849 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 32, 3900 TOTAL HOURS. 225 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION LOCAL		F OPERATION IGHT SWATH RUN	·
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED FACTOR(S) MISCELLANEOUS ACTS, CONDIT	IONS - SUNGLARE	CTS OR OBSTRUCT	ONS	
enten territoria (marchi de l'emperora de l'esta d	SPECIAL DATA TOTAL HOURS IN CROP CONTE KIND OF CROP - GRAPES PILOT'S SEAT BELT - FASTE GOGGLES - NOT USED COCKPIT CRASHPAD - NOT IT TANK/HOPPER-LOCATION - ST ELEVATION-AREA BEING TREA	ENED-PROPERLY NSTALLED DES	TYPE (GLOVE CRASH CRASH TERRA	DF OPERATION - DUSTIN DF CHEMICAL USED - DR S - USED HELMET - AVAILABLE U BAR - NOT INSTALLED IN-TYPE - MOUNTAINOUS RUN-HOW FLOWN - WIND	Y CHEMICAL-NONTOXIC SED
3–2032	6/19/79 KERMAN.CA TIME - 1500 DEPARTURE POINT	BELL 47G-2 N7893B DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 35, 1550 TOTAL HOURS, 450 IN TYPE INSTRUMENT RATED.
	KERMAN,CA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNG HARD LANDING	LOCAL		F OPERATION IGHT SWATH RUN NG POWER-OFF AUTOROT	ATIVE LANDING
The state of the s	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOU FACTOR(S) TERRAIN - HIGH OBSTRUCTIO MISCELLANEOUS - EVASIVE P EMERGENCY CIRCUMSTANCES - F	INS MANEUVER TO AVOID COLLI	SION) REASONS	
	SPECIAL DATA TOTAL HOURS IN CROP CONTO KIND OF CROP — COTTON GLOVES — NOT USED CRASH HELMET — AVAILABLE CRASH BAR — NOT INSTALLED ELEVATION—AREA BEING TREA	USED)	TÝPE (GOGGL	NG CROPS QUID CHEMICAL-TOXIC TALLED CALM	

			BRIEFS	OF A	CCI	DEN	15		•			
FILE			AIRCRAFT DATA		F	SM	/ N	FLIGHT PURPOSE	PILOT DATA			
		NR.BUTTONWILLOW.CA 635		CR- PX-	0	0	1 0		COMMERCIAL . FL.INSTR			
	BUTTONW] TYPE OF A COLLIDE	E POINT ILLOW,CA ACCIDENT ED WITH AUTOMOBILE										
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS											
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO	HOURS IN CROP CONTR F CROP - COTTON S SEAT BELT - UNKNO S SEAT BELT - UNKNO F CRASHPAD - INSTAL DPPER-LOCATION - FO FON-AREA BEING TREA	WN/NOT REPORTED LED RWARD OF PILOT	IDER P	WRL	GLO CRA CRA TEI SWA	PE (VES ASH ASH RRA ATH	DF OPERATION - SPRAYING DF CHEMICAL USED - LIQU S - NOT USED HELMET - AVAILABLE USE BAR - INSTALLED IN-TYPE - LEVEL,FLAT RUN-HOW FLOWN - WIND C	D CHEMICAL-TOXIC			
3-2024		MERIDIAN,CA 330	GRUMMAN G-164A N9866 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1	COMMERCIAL ASSOC CROP CTL ACTIVIT	COMMERCIAL, AGE 45, 12000 Y TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED			
	MERIDIA TYPE OF A COLLIDE	• •	INTENDED DESTINATION LOCAL		Р	TA	EOF	F OPERATION FF INITIAL CLIMB FF RUN	KAIEU.			
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) TERRAIN - HIGH VEGETATION											
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO	OL - 9999 WN/NOT REPORTED LED RWARD OF PILOT TED-FEET - 50			TYF GLO CR A CR A	PE C DVE: NSH NSH	DF OPERATION - SPRAYING DF CHEMICAL USED - LIQU S - NOT USED HELMET - AVAILABLE USE BAR - INSTALLED N-TYPE - LEVEL, FLAT	ID CHEMICAL-TOXIC				

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR F	IES S M.	'N	FLIGHT PURPOSE		PILOT DATA	
3 - 2028			WEATHERLY 201B N2937W DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	AIRLINE TRANSPORT, AGE 57, 25000 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.	
		AIRPORT - NO NAME E POINT	INTENDED DESTINATION								
		N.CA,									
		ACCIDENT	F OPERATION								
	COLLIDED WITH OBJECT TAKEOFF RUN										
	GEAR CO	DLLAPSED				TΔI	(EO	FF RUN			
			•								
	PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN TERRAIN - HIGH VEGETATION										
	FACTOR(S) MISCELL		TIONS - OVERLOAD FAILURE	:							
	SPECIAL DATA										
	KIND OF PILOT'S	F CROP - RICE S SEAT BELT - UNKN	OWN/NOT REPORTED		KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT						
	TERRAIN-TYPE - LEVEL.FLAT REMARKS- SPRAY BOOM CAUGHT IN TALL GRASS AND VEERED LEFT INTO HIDDEN DIRT MOUNDS.										

PAGE 82

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ	URIES S M/		FLIGHT PURPOSE	•	PILOT DATA			
-2010	7/6/79 N TIME - 074		BELL 47G-5 N7914S DAMAGE-SUBSTANTIAL	CR-	0 1	0 CDM	MERCIAL		TYPE, NOT INSTRUMENT			
	VISTA, CA TYPE OF AC COLLIDED		INTENDED DESTINATION LOCAL	RATED. PHASE OF OPERATION IN FLIGHT POWER-ON DESCENT								
	PILOT IN	PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS FACTOR(S)										
	- PILOT-IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING - WEATHER - FOG - WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED											
	SKY CONDITOUTE OVERCAST				50		ACCIDEN	T SITE CCIDENT SITE				
	1/4 MILE OBSTRUCTIO FOG	OR LESS ONS TO VISION AT AC	CIDENT SITE		NONE TEMPERATURE-F 50							
	TYPE OF WE IFR	ATHER CONDITIONS	• • • • • •		TYPE NON		GHT PLAI	N				
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP	OURS IN CROP CONTRO CROP - UNKNOWN/NOT SEAT BELT - UNKNOW	N/NOT REPORTED TALLED ES	TED	TYP GLO CRA CRA	E OF C IVES — SH HEL SH BAR	HEMICAL USED MET - AN	N - FERRY USED - UNKNOWN VAILABLE USED INSTALLED EVEL,FLAT	N/NOT REPORTED			
-2039	7/16/79 N TIME - 150	IR.MENDOTA,CA	AIR TRACTOR AT-301 N8578S					CTL ACTIVITY	COMMERCIAL, AGE 39, 7343			
			DAMAGE-SUBSTANTIAL CH INTENDED DESTINATION LOCAL						NOT INSTRUMENT RATED.			
	TYPE OF ACUNDERSHO	CCIDENT OT ON WITH GROUND/WATE	R CONTROLLED		PHASE OF OPERATION LANDING FINAL APPROACH LANDING FINAL APPROACH							
	PROBABLE C PILOT IN		ED DISTANCE AND ALTITU	JDE								
	KIND OF PILOT S GOGGLES			red	TYP! GLO CRA:	E OF C VES - SH HEL	HEMICAL NOT USE) /AILABLE USED	ROPS CHEMICAL-NONTOXIC			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	JRIES S M/N	FLIGHT PURPOSE		PILOT DATA
	7/17/79 TIME - 0500	YUBA CITY,CA	GRUMMAN G-164A N9768 DAMAGE-SUBSTANTIAL	CR- 0	0 1	COMMERCIAL		COMMERCIAL, AGE 33, 8600 TOTAL HOURS, 6000 IN TYPE, INSTRUMENT RATED.
	DEPARTURE F YUBA CITY TYPE OF ACC	CIDENT WITH OBJECT	TENDED DESTINATION LOCAL		LANDI	F OPERATION NG ROLL NG ROLL		
	AIRPORTS	COMMAND - MISJUDGE /AIRWAYS/FACILITIES	O CLEARANCE - AIRPORT CONDITION	S HIGH				
	KIND OF (PILOT'S S GOGGLES - COCKPIT (TERRAIN-1	JRS IN CROP CONTROL CROP - RICE SEAT BELT - UNKNOWN - NOT USED CRASHPAD - INSTALLE TYPE - LEVEL, FLAT	- UNKNOWN/NOT REPOR /NOT REPORTED D ALONG EDGE OF STRIP,		TYPE GLOVE CRASH TANK/ ELEVA	OF CHEMICAL US S - NOT USED HELMET - AVAI HOPPER-LOCATIO TION-AREA BEIN	SED - LIQUID	CHEMICAL-TOXIC
3-1858	TIME - 0630 DEPARTURE F	POINT I	CALLAIR A-9 N7224V DAMAGE-DESTROYED NTENDED DESTINATION	CR- 1 PX- 0	0 0 0 0	COMMERCIAL AERIAL APPLIO	CATION	COMMERCIAL, AGE 24, 446 TOTAL HOURS, 44 IN TYPE, NOT INSTRUMENT RATED.
	SHAFTER,CA TYPE OF ACC COLLISION	A CIDENT N WITH GROUND/WATER	CONTROLLED			F OPERATION IGHT STARTIN	G SWATH RUN	
	PROBABLE C		D DISTANCE, SPEED, ALT	ITUDE OR	CLEARA	NCE		
	KIND BF (PILOT'S- GOGGLES - COCKPIT (TANK/HOPF ELEVATION FIRE AFTER	URS IN CROP CONTROL CROP OTHER SEAT BELT FASTENE - NOT USED CRASHPAD NOT INST PER-LOCATION FORW N-AREA BEING TREATE	D-PROPERLY ALLED ARD OF PILOT D-FEET - 420		TYPE GLOVE CRASH CRASH TERRA	S - NOT USED	SED - DRY CHE [LABLE USED LED EL,FLAT	MICAL-NONTOXIC

	DATE		AIRCRAFT DATA	_	_			FLIGHT PURPOSE	PILOT DATA	
	7/24/79 TIME - 11 DEPARTURE	TROWBRIDGE,CA 30 POINT	GRUMMAN G-164 N704Y DAMAGE-DESTROYED INTENDED DESTINATION	CD	^	1	0	COMMEDCIAL	COMMERCIAL, AGE 38, 2400 TOTAL HOURS, ALL IN TYPE INSTRUMENT RATED.	
	TYPE OF A	EEK,CA CGIDENT D WITH WIRES/POLE	S		P	HAS IN	E C Fl	F OPERATION IGHT PROCEDURE TURNARO	UND	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS									
	SPECIAL D TOTAL M KIND OF GLOVES CRASH H CRASH B TERRAIN SWATH R FIRE AFTEI REMARKS—	OL - 2400 USED SSWIND		KIND OF OPERATION — DUSTING OTHER TYPE OF CHEMICAL USED — LIQUID CHEMICAL—NONTOXI GOGGLES — USED COCKPIT CRASHPAD — NOT INSTALLED TANK/HOPPER—LOCATION — FORWARD OF PILOT ELEVATION—AREA BEING TREATED—FEET — 80 PROCEDURE TURNAROUND — SECOND 1/3 TURN						
3 - 1797	8/1/79 TIME - 06	NR.MERIDIAN,CA 10	GRUMMAN G-164A N6627 DAMAGE-SUBSTANTIAL	CR - PX- OT -	0 0 0	0 0 0	1 0 1	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 31, 5414 Y TOTAL HOURS, 3820 IN TYPE, NOT INSTRUMENT RATED.	
	NAME OF A DEPARTURE MERIDIAN TYPE OF A COLLIDE			P	HAS LA	E O	F OPERATION NG ROLL	KATEU.		
	PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE REMARKS- COLLIDED W PICKUP TRUCK-DRIVEN ON RWY.									

PAGE 85

FILE	DATE		AIRCRAFT DATA	FSM	I/N	PURPOSE	PILOT DATA
3-1791	-8/2/79 TIME - 061						COMMERCIAL, FL.INSTR., AGE 55, 9730 TOTAL HOURS, 1010 IN TYPE, INSTRUMENT RATED.
			NTENDED DESTINATION SALINAS,CA	*.			
		CIDENT WIRES/POLES				OPERATION GHT SWATH RUN	•
	PROBABLE C	AUSE(S) COMMAND - MISJUDGE	D CLEARANCE	•			
	SPECIAL DA TOTAL HO	TA DURS IN CROP CONTROL	- 9000			F OPERATION - SPRAYING F CHEMICAL USED - LIC	
	GOGGLES- COCKPIT TANK/HOP	SEAT BELT - FASTENE - NOT USED CRASHPAD - NOT INST PER-LOCATION - SIDE IN-AREA BEING TREATE	ALLED S	CR CR TE	ASH ASH RRAI	; - USED HELMET - AVAILABLE US BAR - NOT INSTALLED N-TYPE - LEVEL,FLAT RUN-HOW FLOWN - WIND	
	· .				AIR	KON-HOW FLOWN - WIND	CALIT
	8/7/79 N TIME - 064	IR.MODESTO.CA -2	CESSNA 188 N70063 DAMAGE-DESTROYED NTENDED DESTINATION		0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 36, 2493 TOTAL HOURS, 700 IN TYPE, NOT INSTRUMENT RATED.
	TYPE-OF AC	CIDENT WIRES/POLES				OPERATION GHT SWATH RUN	on and the state of the state o
	PILOT IN	AUSE(S) COMMAND - FAILED T - HIGH OBSTRUCTIONS	O SEE AND AVOID OBJEC	TS OR OBSTR	UCTI	ONS	
	KIND OF	OURS IN CROP CONTROL CROP - CORN		K I TY	PE O	OF OPERATION - SPRAYIOF CHEMICAL USED - LIC	
	GOGGLES COCKPIT TANK/HOP ELEVATIO	SEAT BELT - UNKNOWN - NOT USED CRASHPAD - INSTALLE PER-LOCATION - FORW DN-AREA BEING TREATE	D ARD OF PILOT	CR CR TE	ASH RASH RRAI	G - NOT USED HELMET - AVAILABLE US BAR - INSTALLED N-TYPE - LEVEL,FLAT RUN-HOW FLOWN - UNKN	
	FIRE AFTER REMARKS- C	OLLIDED W POLE.					

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR F	IES S M	/N	FLIGHT PURPOSE		PILOT DATA
3-2004	8/8/79 TIME - 06	MADERA.CA 00	NAVAL FCTY N3N-3 N3OKB DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 38, 7500 TOTAL HOURS, 500 IN TYPE, NOT INSTRUMENT RATED.
•	NAME OF A DEPARTURE MADERA,	IRPORT - MADERA, CA	INTENDED DESTINATION							
	T-URBULE COLLISI	CCIDENT NCE ON WITH GROUND/WATE	LOCAL R UNCONTROLLED			TA	KEOF	F OPERATION F INITIAL F INITIAL	CLIMB	
	PROBABLE		DIII ENCE							
<u>-</u> .	FACTOR-(S)	- OTHER				٠.				
, t	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO	DURS IN CROP CONTRO CROP - GRAPES SEAT BELT - UNKNOW - USED CRASHPAD - NOT INS	N/NOT REPORTED TALLED WARD OF PILOT			KII TYI GL CR CR	PE C DVES ASH ASH	OF OPERATION OF CHEMICAL OF USED HELMET - A BAR - NOT	VAILABLE USED INSTALLED	
		•	•					•		
3-1303	8/11/79 TIME - 03	and the second of the second o	DAMAGE-DESTROVED	CR- PX-	0	1 0	0	COMMERCIAL AERIAL APP	LICATION	COMMERCIAL, AGE 40, 2500 TOTAL HOURS, 880 IN TYPE, INSTRUMENT RATED.
	DEPARTURE BLYTH, C	POINT A	INTENDED DESTINATION LOCAL							THO TROTLET RATEO
	COLLIDE	CCIDENT D WITH WIRES/POLES			P	HASI I N	FLI	OPERATION GHT SURVE	Y FIELD/AREA	
	PROBABLE PILOT I FACTOR(S)	CAUSE(S) N COMMAND - FAILED N COMMAND - INADEQU	TO SEE AND AVOID OBJEC							
	PILOT'S GOGGLES COCKPIT TANK/HO	ATA OURS IN CROP CONTRO CROP - COTTON	WARD OF PILOT			GLI CR / CR / TEF	OVES ASH ASH RRAI	S - NOT USE HELMET - A BAR - INST N-TYPE - LI	D VAILABLE USED ALLED	

			BRIEF	S OF ACCIDENTS					
. FILE	DATE	LOCATION	AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA			
	TIME - 113 DEPARTURE BURNEY, CA TYPE OF AC STALL	POINT	AERO COMNDR A-9B N7919V DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 1 0 0 PX- 0 0 0		COMMERCIAL, AGE 25, 500 TOTAL HOURS, 275 IN TYP NOT INSTRUMENT RATED.			
	PROBABLE OF PILOT IN FACTOR(S) WEATHER SKY CONDIT CLEAR VISIBILITY 5 OR OVE OBSTRUCTION NONE WIND DIRECTION TYPE OF WE	AUSE(S) COMMAND - FAILED - HIGH DENSITY AL		CEILING UNLIM PRECIPI NONE TEMPERA 75 WIND VEI	TATION AT ACCIDENT SI	TE			
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 30 KIND OF CROP - PASTURE PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 3170 PROCEDURE TURNAROUND - SECOND 1/3 TURN FIRE AFTER IMPACT REMARKS - DENSITY ALT APRX 4900FT.			KIND OF OPERATION - SEEDING CROPS TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - INSTALLED TERRAIN-TYPE - LEVEL; FLAT SWATH RUN-HOW FLOWN - WIND CALM					

FILE		LOCATION	AIRCRAFT DATA						PILOT DATA
		RAMONA, CA	GRUMMAN TS-2A N405DF DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 0	1 0	COMMERCIAL ASSOC FIRE CTL ACTIVITY	COMMERCIAL, FL.INSTR., / AGE 52, 9000 TOTAL HOURS, 775 IN TYPE, INSTRUMENT RATED.
	DEPARTURE PO RAMONA,CA TYPE OF ACCI COLLISION	DENT	INTENDED DESTINATION LOCAL BOTH IN FLIGHT		Р	HASE LAN	01	F OPERATION NG TRAFFIC PATTERN-CIRO	CLING
	PROBABLE CAU	JSE(S) COMMAND - FAILEC) TO SEE AND AVOID OTHER S-PERSONNEL PILOT OF OT						
	CONTROLLIN TRAFFIC AD CONTROL ZO HORIZONTAL	OF AVIATION INVO NG AGENCY - NO O OVISORY ISSUED - ONE/AREA - NO . COLLISION ANGL		–LARGE	U	R AD CON CON	AR TR(CTL/SURVEILLANCE - NOT	ORT - UNCONTROLLED AIRPORT 45
3-2773	TIME - 0900 DEPARTURE PO GREENFIELD TYPE OF ACCI	DINT D.CA DENT	N5783 DAMAGE-SUBSTANTIAL INTENDED DESTINATION GREENFIELD,CA	PX 	0	O HASE	0	ASSOC CROP CTL ACTIVITY - OPERATION	COMMERCIAL, AGE 35, 6000 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
-	AIRFRAME F HARD LANDI	FAILURE IN FLIG NG	GHT				_	IGHT NORMAL CRUISE NG POWER-OFF AUTOROTATI	VE LANDING
	MISCELLANE FACTOR(S) MISCELLANE TERRAIN - EMERGENCY CI	- ROTOR ASSEME OUS ACTS, CONDIT OUS ACTS, CONDIT WET, SOFT GROUND RCUMSTANCES - F	IONS - MATERIAL FAILURE IONS - SEPARATION IN FL	IGHT RT ON	LAI	ND		• , • •	

PAGE 89

FILE		LOCATION		ΙN	JURIES F S M	/N	FLIGHT PURPOSE		PILOT DATA
3-2642	10/6/79 NR.HOL TIME - 1800	TVILLE,CA	CESSNA 188 N5627J DAMAGE-SUBSTANTIAL	CR- PX-	0 0 0 0	1 0	COMMERCIAL AERIAL APP	LICATION	COMMERCIAL, AGE 23, 1750 TOTAL HOURS, 1000 IN TYPE, NOT INSTRUMENT RATED.
•	DEPARTURE POINT CAMACHO, CA TYPE OF ACCIDEN COLLIDED WITH	Т	INTENDED DESTINATION LOGAL				OPERATION GHT SWATH		
	FACTOR(S)	PILOT IN COMMAND - FAILED TO SEE AND AVOID FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS					ONS		
	SPECIAL DATA TOTAL HOURS II KIND OF CROP PILOT'S SEAT I GOGGLES - NOT COCKPIT CRASHI TANK/HOPPER-L ELEVATION-ARE	D-PROPERLY ALLED VARD OF PILOT			OPS CHEMICAL-TOXIC				
3 - 2635	10/17/79 MENDO TIME - 1700 DEPARTURE POINT		HILLER UH-12E N4414 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX-	0 1 0 0	0	ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 37, 7575 TOTAL HOURS, 700 IN TYPE, NOT INSTRUMENT RATED.
	MENDOTA, CA TYPE OF ACCIDEN	т	LUCAL		PHAS	E Of	OPERATION		
	AIRFRAME FAIL	JRE IN FLIGHT	R UNCONTROLLED				F INITIAL F INITIAL		
	PROBABLE CAUSE(ROTORCRAFT - I MISCELLANEOUS MISCELLANEOUS	S) FLIGHT CONTROL ACTS,CONDITIO ACTS,CONDITIO MSTANCES - FO	. SYSTEMS TAIL ROTOR	: DRT ON		OL: S	YSTEM		
	GOGGLES - NOT COCKPIT CRASH TANK/HOPPER-LO	ED-PROPERLY TALLED MARD OF PILOT ED-FEET - 160		TY GL CR CR TE	PE C OVES ASH ASH RRAI	F CHEMICAL 5 - NOT USE HELMET - A BAR - NOT N-TYPE - L	VAILABLE-NOT US INSTALLED	CHEMICAL-TOXIC	

				S UF A						
FILE		LOCATION	AIRCRAFT DATA	IN	JUR	IES		FLIGHT		PILOT DATA
3-2637	10/17/79 NR. TIME - 1030 DEPARTURE PO GREENFIELD. TYPE OF ACCI	GREENFIELD•CA INT CA	AIR TRACTOR AT-301 N4438S DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- PX-	0 0	O O HASE	1 0	COMMERCIAL AERIAL APPLICAT	ION	COMMERCIAL, AGE 31, 3965 TOTAL HOURS, 220 IN TYPE, NOT INSTRUMENT RATED.
	PILOT IN CO FACTOR(S)	OMMAND - INADEO	UATE PREFLIGHT PREPARA TO SEE AND AVOID OBJE NS	_						
	PILOT'S SE GOGGLES - I COCKPIT CR TANK/HOPPER ELEVATION-	DP - UTHER AT BELT - UNKNO NOT USED ASHPAD - NOT IN R-LOCATION - FO AREA BEING TREA	OL - 5765 WN/NOT REPORTED STALLED RWARD OF PILOT TED-FEET - 100 W 12FT STAND PIPE WHILE	E SPRAY		TYP GLO CRA CRA TER SWA	E (VE SH SH RA: TH	DF OPERATION - S DF CHEMICAL USED S - NOT USED HELMET - AVAILA BAR - INSTALLED IN-TYPE - LEVEL, RUN-HOW FLOWN - COLI.	- LIQUID BLE USED FLAT	CHEMICAL-TOXIC
3 - 2825	10/17/79 M/ TIME - 0905 DEPARTURE PO: MADERA,CA TYPE OF ACCII COLLIDED W	INT	GRUMMAN G-164A N5250 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL		O Pi	O HASE	0	COMMERCIAL AERIAL APPLICAT F OPERATION GHT PULLUP FRO	I ON	COMMERCIAL, AGE 38, 5000 TOTAL HOURS, 1200 IN TYPE, INSTRUMENT RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS									
	GOGGLES - U COCKPIT CRA TANK/HOPPER ELEVATION-A	WN/NOT REPORTED LED RWARD OF PILOT TED-FEET - 300 TRY TO PROCEDURE TURN			TYP GLO CRA CRA TER	E (VES SH SH RA	OF OPERATION - DO DE CHEMICAL USED S - USED HELMET - AVAILA BAR - INSTALLED IN-TYPE - LEVEL, RUN-HOW FLOWN -	- LIQUID BLE USED FLAT	CHEMICAL-NONTOXIC	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	RIES S M/N	FLIGHT PURPOSE	PILOT DATA			
		R.PAICINES,CA	BOEING A75N1 N686W DAMAGE-DESTROYED	CR- 1 PX- 0	0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 49, 11200 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.			
	HOLLISTE TYPE OF ACC	R • C A	INTENDED DESTINATION PAICINES, CA			OF OPERATION LIGHT EN ROUTE TO REL				
	PROBABLE C PILOT IN		D TO SEE AND AVOID OBJE	CTS OR O	BS TR UC	TIONS				
	KIND OF (PILOT'S CRASH HEI CRASH BA TERRAIN—	URS IN CROP CONT CROP - GRAPES SEAT BELT - FAST LMET - AVAILABLE R - NOT INSTALLE TYPE - LEVEL,FLA	USED D		TYPE GLOV COCK TANK	OF OPERATION - FERTIL OF CHEMICAL USED - LI ES - USED PIT CRASHPAD - INSTALL /HOPPER-LOCATION - FOR ATION-AREA BEING TREAT	IOUID CHEMICAL-TOXIC LED RWARD OF PILOT			
3 - 2856	11/13/79 TIME - 104	CALIPATRIA,CA 5	AERO COMDR S2R N89700	CR- C	0 1	COMMERCIAL ASSOC CROP CTL ACTIV	COMMERCIAL, AGE 40, 8000 /ITY TOTAL HOURS, 300 IN TYPE,			
	NAME OF AIR DEPARTURE CALIPATR TYPE OF AC GROUND-W	RPORT - FARM AIR POINT IA,CA	INTENDED DESTINATION LOCAL		TAKE	OF OPERATION OFF ABORTED OFF ABORTED	NOT INSTRUMENT RATED.			
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER									
	KIND OF PILOT'S GOGGLES - COCKPIT TANK/HOPI	URS IN CROP CONT CROP — COTTON SEAT BELT — UNKN - NOT USED CRASHPAD — INSTA PER-LOCATION — F			TYPE GLOV CRAS		IQUID CHEMICAL-NONTOXIC			

FILE			F S M/N	FLIGHT PURPOSE	PILOT DATA							
	11/28/79 NR.PORTERVILL TIME - 1030	E,CA PIPER PA-25 N9640P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVIT	COMMERCIAL, FL.INSTR., Y AGE 37, 1984 TOTAL HOURS, 800 IN TYPE, INSTRUMENT RATED.							
	DEPARTURE POINT PORTERVILLE,CA TYPE OF ACCIDENT ENGINE FAILURE OR MA COLLIDED WITH CROP	LOCAL	IN F	OF OPERATION LIGHT EN ROUTE TO TREAT ING LEVEL OFF/TOUCHDOWN	CROP							
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) TERRAIN - HIGH VEGETATION MISCELLANEOUS ACTS, CONDITIONS - JETTISONED LOAD COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND											
	GOGGLES - NOT USED COCKPIT CRASHPAD - N TANK/HOPPER-LOCATION	ORCHARDS UNKNOWN/NOT REPORTED OT INSTALLED	TYPE GLOV CRAS	OF OPERATION - FERTILIZ OF CHEMICAL USED - DRY ES - NOT USED H HELMET - AVAILABLE USE H BAR - INSTALLED	CHEMICAL-NONTOXIC							
3 - 2897	11/29/79 NR.COURTLAND, TIME - 1430	N47220 DAMAGE-SUBSTANTIAL		COMMERCIAL ASSOC CROP CTL ACTIVIT	COMMERCIAL, AGE 40, 1243 Y TOTAL HOURS, 640 IN TYPE, INSTRUMENT RATED.							
	DEPARTURE POINT COURTLAND,CA TYPE OF ACCIDENT STALL MUSH	INTENDED DESTINATION LOCAL		OF OPERATION OFF INITIAL CLIMB								
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS MISCELLANEOUS ACTS, CONDITIONS - JETTISONED LOAD											
	KIND OF CROP — OTHER GLOVES — NOT USED CRASH HELMET — AVAIL CRASH BAR — NOT INST TERRAIN—TYPE — LEVEL	ABLE-NOT USED ALLED	PILO GOGG COCKI TANK	OF OPERATION - SEEDING T'S SEAT BELT - UNKNOWN/ LES - NOT USED PIT CRASHPAD - INSTALLED CHOPPER-LOCATION - FORWA TION-AREA BEING TREATED	NOT REPORTED RD OF PILOT							

FILE	DATE		AIRCRAFT DATA	INJ	UR I E	S M/N	FLIGHT PURPOSE	PILOT DATA		
3-2900	12/12/79	WOODLAKE•CA 15	ENSTROM F-28A N521H DAMAGE-SUBSTANTIAL	CR- PX-	0 0	1 1	COMMERCIAL ASSOC CROP CTL ACTIVIT	COMMERCIAL, FL.INSTR., Y AGE 41, 1884 TOTAL HOURS, 27 IN TYPE, INSTRUMENT RATED.		
	DEPARTURE WOODLAKI	POINT E•CA	INTENDED DESTINATION DELANO.CA					KA IEU •		
	TYPE OF A	E,CA CCIDENT D WITH WIRES/POLES					F OPERATION FF VERTICAL			
		N COMMAND - INITIAT N COMMAND - FAILED	ED FLIGHT IN ADVERSE TO MAINTAIN ADEQUATE				ONS			
	WEATHER		OT REPORTED		•			· · · · · · · · · · · · · · · · · · ·		
	VISIBILIT 1/4 MILI	TION /NOT REPORTED Y AT ACCIDENT SITE E OR LESS ONS TO VISION AT AC			PRE N	NKNO CIPI ONE	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SITE			
	FOG WIND VELO	CITY-KNOTS	CIDENT STILE		3 TYP	5 E OF	TURE-F WEATHER CONDITIONS			
	CALM TYPE OF F NONE	LIGHT PLAN			I	FR	en e			
		COLLIDED W PWR LINE	· S •							
-2898 	DEDARTURE	LEMOORE,CA	TAMAGE SUBSTANTIAL	CR- PX-	0 C	. 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 51, 14331 TOTAL HOURS, 1775 IN TYPE, INSTRUMENT RATED.		
	LEMOORE TYPE OF A	,¢A CCIDENT FAILURE OR MALFUNCT	LOCAL		I	N FL	F OPERATION IGHT STARTING SWATH RU NG ROLL			
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS									
	FACTOR(S) TERRAIN - WET,SOFT GROUND PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
	KIND OF PILOT'S	ATA DURS IN CROP CONTRO CROP + UNKNOWN/NOT SEAT BELT - UNKNOW - NOT USEO	OF OPERATION - SEEDING OF CHEMICAL USED - DRY S - USED HELMET - AVAILABLE USE	CHEMICAL-TOXIC						
	COCKPIT TANK/HO	CRASHPAD - INSTALL PPER-LOCATION - FOR DN-AREA BEING TREAT	WARD OF PILOT		C 1	R A SH ERR A	BAR'- INSTALLED IN-TYPE - LEVEL,FLAT RUN-HOW FLOWN - UNKNOW			

FILE	DATE	LOCATION	AIRCRAFT DATA	I NJUR F	TES S M/N	FLIGHT PURPOSE		PILOT DATA
	12/28/79 TIME - 133 NAME OF AI DEPARTURE WOODLAND TYPE OF AC	WOODLAND,CA O RPORT - LAUGENHOU POINT ,CA CIDENT AILURE OR MALFUNC	AIR TRACTOR AT-301 N87695 DAMAGE-SUBSTANTIAL R AG STP INTENDED DESTINATION LOCAL	CR- 0 PX- 0	0 1 0 0 HASE (COMMERCIAL	CTL ACTIVITY	COMMERCIAL, AGE 46, 15500 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
	PILOT IN MISCELLA FACTOR(S) TERRAIN COMPLETE PI	L - MAINTENANCE,S COMMAND - INADEQI NEOUS ACTS,CONDIT - WET,SOFT GROUND DWER LOSS - COMPLI	ERVICING, INSPECTION OF UATE PREFLIGHT PREPARAT IONS — WATER IN FUEL ETE ENGINE FAILURE/FLAM ORCED LANDING OFF AIRPO	ION AND/	OR PLA	÷		
1	PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO	URS IN CROP CONTRI CROP - GRAIN FIEL SEAT BELT - UNKNO! - NOT USED CRASHPAD - NOT IN: PER-LOCATION - FO N-AREA BEING TREA	NN/NOT REPORTED	RIP.PLT	TYPE GLOVE CRASH CRASH TERRA	OF CHEMICAL S - NOT USE H HELMET - A I BAR - INSTA AIN-TYPE - LI I RUN-HOW FLO	D VAILABLE USED ALLED EVEL,FLAT DWN - WIND CALM	EMICAL-NONTOXIC
3-1540	DEPARTURE DECKLEY, C	POINT O CIDENT AILURE OR MALFUNC	N7472F DAMAGE-SUBSTANTIAL INTENDED DESTINATION HOLYOKE,CO	PX- 0	O O HASE C	ASSOC CROP TO PERATION TIGHT NORMAL	CTL ACTIVITY	COMMERCIAL, AGE 43, 8875 TOTAL HOURS, 425 IN TYPE, INSTRUMENT RATED.
	MISCELLAI MISCELLAI FACTOR(S) MISCELLAI COMPLETE PO EMERGENCY	NT - ENGINE STRUC NEOUS ACTS,CONDIT NEOUS ACTS,CONDIT NEOUS ACTS,CONDIT DWER LOSS - COMPLI CIRCUMSTANCES - F	IONS - OVERLOAD FAILURE	EOUT-1 E				

FILE	DATE LOCAT	ION AIRCRAFT DATA	- INJUF	IES S M/N	FLIGHT PURPOSE	PILOT DATA			
3-0941	6/12/79 NR.EADS,CO TIME - 1010 DEPARTURE POINT EADS,CO TYPE OF ACCIDENT		CR- 0 PX- 0	0 1 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY OF OPERATION	COMMERCIAL, AGE 25, 1837 TOTAL HOURS, 290 IN TYPE, NOT INSTRUMENT RATED. CROP			
	PROBABLE CAUSE(S) PILOT IN COMMAND -	DIVERTED ATTENTION FROM OPEN	RATION OF	AIRCRA	AFT				
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1000 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 4200 REMARKS- PLT STATED DISTRACTED BY MALF OF AUTOFLAGGER. KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-NOT USED CRASH BAR - INSTALLED TERRAIN-TYPE - ROLLING SWATH RUN-HOW FLOWN - CROSSWIND								
3-0942	6/14/79 NR.TWO BUTT TIME - 0547 DEPARTURE POINT TWO BUTTES,CO TYPE OF ACCIDENT STALL MUSH	ES.CO PIPER PA-25 N82534 DAMAGE-SUBSTANTIA INTENDED DESTINATION LOCAL		HASE C	COMMERCIAL AERIAL APPLICATION OF OPERATION IGHT STARTING SWATH RUN				
	PROBABLE CAUSE(S) PILOT IN COMMAND -	FAILED TO OBTAIN/MAINTAIN FU	_YING SPEE	D					
	GÖGGLES - NOT USED COCKPIT CRASHPAD - TANK/HOPPER-LOCATIO	IN FIELDS - UNKNOWN/NOT REPORTED		TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQUI ES - NOT USED I HELMET - AVAILABLE USED I BAR - INSTALLED IN-TYPE - LEVEL, FLAT I RUN-HOW FLOWN - UPWIND	D CHEMICAL-NONTOXIC			

_	DATE LOC	ATION AIRCRAFT					PILOT DATA				
3-1543	6/18/79 NR.CENTER TIME - 0700	CESSNA T18 N2167J DAMAGE-SUE	38C CR- PX-	0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 51, 25000 TOTAL HOURS, 5000 IN TYPE, INSTRUMENT RATED.				
	CENTER,CO TYPE OF ACCIDENT ENGINE FAILURE O	R MALFUNCTION	TINATION		IN FL	OF OPERATION IGHT CLIMB TO CRUISE					
	COLLIDED WITH DITCHES LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND										
	KIND OF CROP — G PILOT'S SEAT BEL GOGGLES — NOT US COCKPIT CRASHPAD TANK/HOPPER-LOCA ELEVATION-AREA B PROCEDURE TURNAR	T - FASTENED-PROPERLY	- 003 JRE TURN	= SPI	TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU S - USED HELMET - AVAILABLE USE BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CROSSI	UID CHEMICAL-NONTOXIC				
3-1524	6/24/79 CENTER. TIME - 0800	N7591Z DAMAGE-DES	PX- TROYED	0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 27, 455 TOTAL HOURS, 116 IN TYPE, NOT INSTRUMENT RATED.				
	DEPARTURE POINT CENTER.CO TYPE OF ACCIDENT STALL SPIN					OF OPERATION IGHT PROCEDURE TURNARO	DUND				
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED										
	SPECIAL DATA TOTAL HOURS IN C KIND OF CROP - G GLOVES - NOT USE CRASH HELMET - A CRASH BAR - INST TERRAIN-TYPE - L SWATH RUN-HOW FL	D VAILABLE USED ALLED EVEL,FLAT			TYPE GOGGL COCKF TANK/	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU ES - NOT USED IT CRASHPAD - NOT INST HOPPER-LOCATION - FORW TION-AREA BEING TREATER	UID CHEMICAL-NONTOXIC ALLED ARD OF PILOT				

FILE		LOCATION		F	S	M/N	1	PURPOSE		PILOT DATA
		NR.GENDA.CO	PIPER PA-25	CR- PX-	0	0 1	L 1	COMMERCIAL		COMMERCIAL, FL.INSTR., AGE 33, 698 TOTAL HOURS, 62 IN TYPE, INSTRUMENT RATED.
	DEPARTU GENOA.	_	TENDED DESTINATION LOCAL							
		ACCIDENT	LUCAL		РН	ΔSF	ΩE	OPERATION		• •
		SION WITH GROUND/WATER	CONTROLLED							
	PROBABL	E CAUSE(S)								
		IN COMMAND - MISJUDGED	ALTITUDE AND CLEARA	NCE						
	FACTOR (
		ER - LOCAL WHIRLWIND IN - HIGH VEGETATION								
		BRIEFING - NO RECORD O	F BRIEFING RECEIVED						•	
	SKY CON		CE	ILIN	iG /	AT ACCIDENT	r SITE			
	CLEAR					UNL				
	VISIBIL	VISIBILITY AT ACCIDENT SITE						ATION AT AC	CIDENT SITE	
	J UK	OVER (UNLIMITED) TIONS TO VISION AT ACCI				NONE	_	WEATHER COM	IDITIONS .	••
	NONE	TIONS TO VISION AT ACCI	DENI 211E			VER	JF 1	WEATHER CU	ADT 110M2	
		FLIGHT PLAN				V 1 1				
	NONE									,
	SPECIAL	DATA							**	
		HOURS IN CROP CONTROL	- 62						N - SPRAYING	
		OF CROP - GRAIN FIELDS								D CHEMICAL-NONTOXIC
		<pre>'S SEAT BELT - UNKNOWN/ ES - NOT USED</pre>	NOT REPORTED			_		- NOT USED	· ·	
		IT CRASHPAD - NOT INSTA	LLED					HELMEI – AV BAR – INSTA	/AILABLE USED	
		HOPPER-LOCATION - FORWA						N-TYPE - LE		•
		ELEVATION—AREA BEING TREATED—FEET — 4650							OWN - CROSSWI	AID.

PAGE 98

FILE			AIRCRAFT DATA				FLIGHT PURPOSE	PILOT DATA
3-1528	7/12/79	VINELAND, CO	HUGHES 269A	CR- 0	0	1	COMMERCIAL	
		POINT D.CO	INTENDED DESTINATION VINELAND, CO					
	TYPE OF A HARD LA						DF OPERATION IGHT PROCEDURE TURNAROUND	
	PROBABLE PILOT 1		D TO MAINTAIN ADEQUATE R	OTOR R.	P.M.			
			MANEUVER TO AVOID COLLIS	ION				
	SKY CONDI CLEAR	TION					AT ACCIDENT SITE	•
	VISIBILIT	Y AT ACCIDENT SITE	E		PREC		TATION AT ACCIDENT SITE	
		ONS TO VISION AT A	ACCIDENT SITE		WIND 2		RECTION-DEGREES	
		CITY-KNOTS	•		TYP E VE		WEATHER CONDITIONS	
	TYPE OF F	LIGHT PLAN						
	- ·)ATA					•	
	KIND OF	OURS IN CROP CONTE CROP - OTHER SEAT BELT - FASTE			TY	PΕ	OF OPERATION - SPRAYING CR OF CHEMICAL USED - LIQUID S - USED	
	GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 4700					ASH ASH RRA	HELMET - AVAILABLE USED BAR - NOT INSTALLED IN-TYPE - LEVEL,FLAT	*
	PROCEDU	UN-AREA BEING TREA IRE TURNAROUND - TH SETTLING INTO WIRE	HIRD 1/3 TURN		SW	ΑTΗ	RUN-HOW FLOWN - UPWIND	

FILE	DATE	LOCATION	AIRCRAFT DATA	I N J U i F	RIES S M/N		PILOT DATA
3-3372	7/24/79 NR.LO TIME - 1100 DEPARTURE POIN	NGMONT,CO	HILLER 12E N400AH DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 PX- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 37, 3807 TOTAL HOURS, 225 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF ACCIDE	ENT IRE OR MALFUNC			IN FL	F OPERATION IGHT SWATH RUN IGHT SWATH RUN	
	PILOT IN COM MISCELLANEOU FACTOR(S) POWERPLANT -	MAND - INADEO MAND - MISMAN S ACTS, CONDIT	JATE PREFLIGHT PREPARAT AGEMENT OF FUEL IONS - FUEL EXHAUSTION NSTRUMENTS FUEL QUANTI			NNING	
	COMPLETE POWER	LOSS - COMPL	TONS - STOCK ETE ENGINE FAILURE/FLAM ORCED LANDING OFF AIRPO				
	SPECIAL DATA TOTAL HOURS KIND OF CROP PILOT'S SEAT GOGGLES - NO COCKPIT CRAS TANK/HOPPER- ELEVATION-AR	ZING (LIQUID) JID CHEMICAL-NONTOXIC ED					
			Programme August 1997				
3 - 3279	8/3/79 GRE TIME - 1000	EELEY,CO	BELL 47G N72487 DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	ATP, FLIGHT INSTR., AGE 30, 2457 TOTAL HOURS, 420 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPOR	_					
	TYPE OF ACCIDE	ENT JRE OR MALFUNC	INTENDED DESTINATION LOCAL TION		IN FL	F OPERATION IGHT STARTING SWATH RU NG LEVEL OFF/TOUCHDOWN	
	FACTOR(S) TERRAIN - HI	- MISCELLANEOU GH VEGETATION	S POWERPLANT FAILURE F ETE ENGINE FAILURE/FLAM			D REASONS	
	SPECIAL DATA TOTAL HOURS KIND OF CROP PILOT'S SEAT CRASH HELME' CRASH BAR - TERRAIN-TYPE SWATH RUN-HC REMARKS- SPRA	S CROPS JID CHEMICAL-TOXIC ALLED S D-FEET - 4650					

FILE			AIRCRAFT DATA		=	SM	/N	FLIGHT PURPOSE	PILOT DATA
3-3274	8/7/79	PUEBLO,CO 330	PIPER PA-36 N3724E DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 39, 4630 TOTAL HOURS, 4430 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE LA JUNT		INTENDED DESTINATION LOCAL						NATEO •
	TYPE OF A	ACCIDENT	LUCAL		Р	LAN	IDI	F OPERATION NG LEVEL OFF/TOUCHDOWN NG LEVEL OFF/TOUCHDOWN	
	_	N COMMAND - IMPROF	ER LEVEL OFF						
	FACTOR(S) MISCELL		IONS - OVERLOAD FAILURE	:					
3-3247	9/9/79 TIMĖ - 08	MONTE VISTA,CO	CESSNA A188B N47810 DAMAGE-SUBSTANTIAL	r . –	0	0	1 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 27, 2298 TOTAL HOURS, 1691 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE MONTE V TYPE OF A GROUND-	IRPORT - SAN LUIS : POINT ISTA,CO GCIDENT WATER LOOP-SWERVE ON WITH GROUND/WAT	INTENDED DESTINATION LOCAL			TAR	EOI	F OPERATION FF RUN FF RUN	
	AIRFRAM MISCELL	EL - MAINTENANCE,S E - LANDING GEAR ANEOUS ACTS,CONDIT	ERVICING.INSPECTION IN TAILWHEEL ASSEMBLIES IONS — EXCESSIVE-WEAR/P IONS — VIBRATION.EXCESS	LAY			NΤ	ENANCE AND INSPECTION	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO	OURS IN CROP CONTR CROP - POTATOES SEAT BELT - UNKNO - NOT USED CRASHPAD - INSTAL PPER-LOCATION - FO				CRA CRA SWA	VES ASH ASH ATH	DF OPERATION - DEFOLIATI OF CHEMICAL USED - LIQUI S - USED HELMET - AVAILABLE USED BAR - INSTALLED RUN-HOW FLOWN - UNKNOWN BEARINGS.	D CHEMICAL-TOXIC

FILE	DATE L	OCATION	AIRCRAFT DATA		JRIES S M				PILOT DATA			
	1/12/79 NR.MOOR TIME - 0840		GRUMMAN G-164A N8707H DAMAGE-SUBSTANTIAL				COMMERCIAL ASSOC CROP		COMMERCIAL, AGE 46, 8500 TOTAL HOURS, 1700 IN TYPE, UNK/NR INSTRUMENT RATED.			
	DEPARTURE POINT MOORE HAVEN.FL TYPE OF ACCIDENT GROUND-WATER L	NAME OF AIRPORT - MOORE HAVEN DEPARTURE POINT INTENDED DESTINATION MOORE HAVEN,FL LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING ROLL NOSE OVER/DOWN LANDING ROLL										
	FACTOR(S) AIRPORTS/AIRWA WEATHER - RAIN	ND - SELECTE YS/FACILITIE ACTS.CONDITI - UNKNOWN/N		,			TRICTED VIS	SION				
	SKY CONDITION OVERCAST VISIBILITY AT AC 2 MILES OR LES OBSTRUCTIONS TO HAZE WIND DIRECTION—D 125 TYPE OF WEATHER	CCIDENT SITE SS VISION AT AC DEGREES			10 PREC RA TEMP 75 WIND	OO IPIT IN ERAT	AT ACCIDENT ATION AT AC URE-F OCITY-KNOTS	CCIDENT SITE				

PAGE 102

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FILE		AIRCRAFT DATA					PILOT DATA				
	1/26/79 MIAMI•FL TIME - 1630		CR- PX-	0 0	1 C(DMMERCIAL ERIAL APPLICATION	COMMERCIAL, AGE UNK/NR, 2355 TOTAL HOURS, 677 IN TYPE, INSTRUMENT RATED.				
		INTENDED DESTINATION					THEY INSTRUMENT NATED				
	MIAMI∙FL TYPE OF ACCIDENT	MIAMI,FL		D		2050 4 74 04					
	ENGINE FAILURE OR MAL COLLIDED WITH DITCHE	FUNCTION		IN	FLIG	DPERATION HT SWATH RUN LEVEL OFF/TOUCHDOWN					
	MISCELLANEOUS ACTS, CO COMPLETE POWER LOSS - C	POWERPLANT - ENGINE STRUCTURE VALVE ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE									
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1500 KIND OF CROP - OTHER FILOT'S SEAT BELT - NOT FASTENED GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 9 KIND OF OPERATION - SPRAYING CROPS KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL FLAT SWATH RUN-HOW FLOWN - CROSSWIND										
	REMARKS- EXHAUST VALUE	#2 CYL FAILED, CAUSED PLUGS	IN #1	\$ #3 0	YL TO	FOUL AND ENGINE TO F					
3-1670	REMARKS- EXHAUST VALUE 4/6/79 NR.CLEWISTON.F TIME - 0815	L GRUMMAN G-164A N6659	CR-	L 0 0	0 CC	DMMERCIAL RIAL APPLICATION	AIL. COMMERCIAL, AGE 29, 1700 TOTAL HOURS, 700 IN TYPE,				
3-1670	4/6/79 NR.CLEWISTON,F TIME - 0815	•	CR-		0 CC	`	AIL.				
3-1670	4/6/79 NR.CLEWISTON,F TIME - 0815 DEPARTURE POINT CLEWISTON,FL	L GRUMMAN G-164A N6659 DAMAGE-DESTROYED	CR-	l 0	0 CC 0 AE	OMMERCIAL RIAL APPLICATION	AIL. COMMERCIAL, AGE 29, 1700 TOTAL HOURS, 700 IN TYPE,				
3-1670	4/6/79 NR.CLEWISTON.F TIME - 0815 DEPARTURE POINT CLEWISTON.FL TYPE OF ACCIDENT	L GRUMMAN G-164A N6659 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR-	L 0) 0	0 CC 0 AE	OMMERCIAL ERIAL APPLICATION OPERATION	AIL. COMMERCIAL, AGE 29, 1700 TOTAL HOURS, 700 IN TYPE,				
3-1670	4/6/79 NR.CLEWISTON,F TIME - 0815 DEPARTURE POINT CLEWISTON,FL	L GRUMMAN G-164A N6659 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR-	L 0) 0	0 CC 0 AE	OMMERCIAL RIAL APPLICATION	AIL. COMMERCIAL, AGE 29, 1700 TOTAL HOURS, 700 IN TYPE,				
3-1670	4/6/79 NR.CLEWISTON.F TIME - 0815 DEPARTURE POINT CLEWISTON.FL TYPE OF ACCIDENT	L GRUMMAN G-164A N6659 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR-	L 0) 0	0 CC 0 AE	OMMERCIAL ERIAL APPLICATION OPERATION	AIL. COMMERCIAL, AGE 29, 1700 TOTAL HOURS, 700 IN TYPE				
3 - 1670	4/6/79 NR.CLEWISTON,F TIME - 0815 DEPARTURE POINT CLEWISTON,FL TYPE OF ACCIDENT COLLIDED WITH WIRES/ PROBABLE CAUSE(S) PILOT IN COMMAND - MI SPECIAL DATA	L GRUMMAN G-164A N6659 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL POLES SJUDGED CLEARANCE	CR- PX-	L O O O O O O O O O O O O O O O O O O O	O CO O AS OF C FLIGH	OMMERCIAL ERIAL APPLICATION OPERATION	AIL. COMMERCIAL, AGE 29, 1700 TOTAL HOURS, 700 IN TYPE NOT INSTRUMENT RATED.				
3 - 1670	4/6/79 NR.CLEWISTON,F TIME - 0815 DEPARTURE POINT CLEWISTON,FL TYPE OF ACCIDENT COLLIDED WITH WIRES/ PROBABLE CAUSE(S) PILOT IN COMMAND - MI SPECIAL DATA TOTAL HOURS IN CROP C KIND OF CROP - PASTUR PILOT'S SEAT BELT - F GOGGLES - NOT USED	L GRUMMAN G-164A N6659 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL POLES SJUDGED CLEARANCE ONTROL - UNKNOWN/NOT REPORE E ASTENED-PROPERLY	CR- PX-	L 0 O 0 PHASE IN KIN TYP GLC CRA	O CCO AND OF CE OF OVES -	OMMERCIAL ERIAL APPLICATION OPERATION OPERATION - FERTILIZI CHEMICAL USED - DRY CI NOT USED ELMET - AVAILABLE USED	AIL. COMMERCIAL, AGE 29, 1700 TOTAL HOURS, 700 IN TYPE NOT INSTRUMENT RATED. NG (DUST) HEMICAL-NONTOXIC				
3-1670	4/6/79 NR.CLEWISTON.F TIME - 0815 DEPARTURE POINT CLEWISTON.FL TYPE OF ACCIDENT COLLIDED WITH WIRES/ PROBABLE CAUSE(S) PILOT IN COMMAND - MI SPECIAL DATA TOTAL HOURS IN CROP C KIND OF CROP - PASTUR PILOT'S SEAT BELT - F	L GRUMMAN G-164A N6659 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL POLES SJUDGED CLEARANCE ONTROL - UNKNOWN/NOT REPORE ASTENED-PROPERLY T INSTALLED - FORWARD OF PILOT	CR- PX-	L 0 0 0 PHASE IN TYP GLC CRA CRA	O CO O AS FLIGH ID OF E OF OVES -	OMMERCIAL ERIAL APPLICATION OPERATION HT SWATH RUN OPERATION - FERTILIZI CHEMICAL USED - DRY CI	AIL. COMMERCIAL, AGE 29, 1700 TOTAL HOURS, 700 IN TYPE NOT INSTRUMENT RATED.				

FILE	DATE	LOCATION	AIRCRAFT DATA	I۱	JUR:	ES S M/N	N	FLIGHT PURPOSE		PILOT DATA	
	4/24/79 NI TIME - 0600	R.PALATKA.FL D POINT .FL		CR- PX-	0	1 (O CI		CC TC UI	DMMERCIAL, AGE 33, 7600 DTAL HOURS, 485 IN TYPE, NK/NR INSTRUMENT RATED.	
	PROPELLEI PROBABLE CA ROTORCRAF	PROPELLER/ROTOR FAILURE TAIL ROTOR PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES TAIL ROTOR BLADES						HT SWATH RUN			
	MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 4174					KIND) OF	OPERATION - SPRAYIN	NG CROPS	. ·	
	KIND OF CROP - POTATOES PILOT'S SEAT BELT - FASTENED-PROPERLY CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED REMARKS- FAILURE OF ROTOR BLADES.				TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED ELEVATION-AREA BEING TREATED-FEET - 52						
3-1060	5/15/79 TIME - 0900	ASTATULO∙FL O	PIPER PA-36 N3683E DAMAGE-DESTROYED	CR- PX-	0	0 0	L CO	OMMERCIAL SSOC CROP CTL ACTIV	CC ITY TO TY		
	DEPARTURE I ASTATULO TYPE OF ACC	,FL	INTENDED DESTINATION LOCAL					OPERATION INITIAL CLIMB			
	PROBABLE CA		GED ALTITUDE AND CLEARA	NCE							
	KIND OF (PILOT'S S GOGGLES · COCKPIT (TANK/HOPE	TA JRS IN CROP CONTRI CROP - OTHER SEAT BELT - FASTEI NOT USED CRASHPAD - NOT IN: PER-LOCATION - FO N-AREA BEING TREA	NED-PROPERLY STALLED RWARD OF PILOT			GLOV CRAS CRAS	E OF /ES - SH HI SH B/	OPERATION - SPRAYIN CHEMICAL USED - LIC - NOT USED ELMET - AVAILABLE USAR - NOT INSTALLED -TYPE - LEVEL,FLAT	QUID CHE		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ!	JR I I S	S M/N	FLIGHT PURPOSE		
	5/25/79 TIME - 15 NAME OF A DEPARTURE BUSHNEL	BUSHNELL,FL 500 AIRPORT - FLYING J E POINT LL,FL CCIDENT	CESSNA 188B N6679G DAMAGE-SUBSTANTIAL) (0) () 1) 0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 33, 2640 TOTAL HOURS, 800 IN TYPE, UNK/NR INSTRUMENT RATED.
	PROBABLE	CAUSE(S)	TO OBTAIN/MAINTAIN FLY	ING SPE	ΕD				
	TYPE OF GLOVES CRASH H	HOURS IN CROP CONTR	RY CHEMICAL-NONTOXIC		F (ILOT GOGGL GOCKP	ES - NOT USI IT CRASHPAD	N - FERRY T - UNKNOWN/NO ED - INSTALLED TION - FORWARD	# · · · · · · · · · · · · · · · · · · ·
	NAME OF A DEPARTURE CITRA,F TYPE OF A	IRPORT - DALLAS E POINT -	BOEING A75 N5506A DAMAGE-SUBSTANTIAL INTENDED DESTINATION SUMMERFIELD.FL	CR- (CPX- (₽HZ	NSE O	COMMERCIAL ASSOC CROP F OPERATION NG ROLL	CTL ACTIVITY	COMMERCIAL, AGE 46, 2500 TOTAL HOURS, 502 IN TYPE, INSTRUMENT RATED.
	PROBABLE PILOT I FACTOR(S) AIRPORT AIRPORT								
	TYPE OF GLOVES CRASH H CRASH P	HOURS IN CROP CONTR CHEMICAL USED - L	IQUID CHEMICAL-NONTOXIC		F (ILOT GOGGL GOCKP	ES - USED IT CRASHPAD	N - FERRY T - FASTENED-P - INSTALLED TION - FORWARD	

FILE	DATE L	OCATION	AIRCRAFT DATA	IN. F	JUR	IES S M/	N	FLIGHT PURPOSE	PILOT DATA
	7/25/79 PAXTO	N•FL	AERO COMDR S2R N5544X DAMAGE-DESTROYED	CR- PX-	0	0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 987 TOTAL HOURS, 103 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT PAXTON, FL TYPE OF ACCIDENT ENGINE FAILURE COLLIDED WITH		RUN .						
	MISCELLANEOUS FACTOR(S) TERRAIN - HIGH	UATE PREFLIGHT PREPARA IONS — WATER IN FUEL NS ORCED LANDING OFF AIRPO				LAN	NING		
	GOGGLES - NOT COCKPIT CRASHPA TANK/HOPPER-LO	NED-PROPERLY LED RWARD OF PILOT TED-FEET - 300 IRD 1/3 TURN			IG CROPS DUID CHEMICAL-TOXIC SED WIND				
3-3882			DAMAGE-DESTROYED	CR- PX-	0	0 0	1 0	COMMERCIAL AERIAL APPLICATION	AIRLINE TRANSPORT, AGE 36, 7500 TOTAL HOURS, 931 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT LIVEOAK.FL TYPE OF ACCIDENT COLLIDED WITH		INTENDED DESTINATION LOCAL					F OPERATION IGHT PULLUP FROM SWATH	TH RUN
	PROBABLE CAUSE(S PILOT IN COMMAN		GED SPEED AND CLEARANCE	.					
	SPECIAL DATA TOTAL HOURS IN KIND OF CROP — PILOT'S SEAT B GOGGLES — USED COCKPIT CRASHP TANK/HOPPER-LO ELEVATION-AREA			TYP GLC CRA CRA TER	VES SH SH RAI	F OPERATION - SPRAYIN F CHEMICAL USED - LIQ - USED HELMET - AVAILABLE US BAR - INSTALLED N-TYPE - LEVEL,FLAT RUN-HOW FLOWN - CROSS	OUID CHEMICAL-NONTOXIC		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIE F S	S M/N	FLIGHT PURPOSE	PILOT DATA				
3-3806	10/19/79 NR	.ALACHUA,FL		CR- 0 1 PX- 0 0							
	DEPARTURE P NEWBERRY, TYPE OF ACC STALL	FL	INTENDED DESTINATION LOCAL			OF OPERATION IGHT PROCEDURE TUR					
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED									
	KIND OF C PILOT'S S GOGGLES — COCKPIT C TANK/HOPP ELEVATION PROCEDURE REMARKS— SP	RS IN CROP CONTEROP - OTHER EAT BELT - FASTE NOT USED RASHPAD - INSTAL ER-LOCATION - FO AREA BEING TREA TURNAROUND - TH RAYING CUCUMBERS	ENED-PROPERLY LLED DRWARD OF PILOT ATED-FEET - 150 HIRD 1/3 TURN	T G C C T	YPE LOVE RASH RASH ERRA	OF OPERATION - SPRA OF CHEMICAL USED - S - NOT USED HELMET - AVAILABLE BAR - INSTALLED IN-TYPE - ROLLING RUN-HOW FLOWN - CR	LIQUID CHEMICAL-NONTOXIC E USED				
3-3640		•FT MYERS•FL	AERO COMDR 60052R N89630 DAMAGE-SUBSTANTIAL			COMMERCIAL AERIAL APPLICATION	TYPE, NOT INSTRUMENT				
	FT MYERS,F TYPE OF ACC ENGINE FA	L	INTENDED DESTINATION LOCAL	I	1 FL	F OPERATION IGHT SWATH RUN NG FINÁL APPROACH	RATED.				
	MISCELLAN PARTIAL POW	T - ENGINE STRUC EOUS ACTS, CONDIT ER LOSS - PARTIA	CTURE OTHER FIONS - MATERIAL FAILURE AL LOSS OF POWER - 1 ENG FORCED LANDING OFF AIRPO	SINE							
	SPECIAL DAT KIND OF O TYPE OF CI GLOVES - CRASH HELI CRASH BAR TERRAIN-T REMARKS- EN	P G CI T	LOT DGGL DCKP ANK/	OF CROP - OTHER 'S SEAT BELT - FAST ES - NOT USED IT CRASHPAD - INSTA HOPPER-LOCATION - F RUN-HOW FLOWN - CR	ALLED FORWARD OF PILOT						

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
	5/22/79 AMERICUS,GA TIME - 1015 DEPARTURE POINT AMERICUS,GA TYPE OF ACCIDENT COLLIDED WITH WIRES/PO	AIR TRACTOR AT-301 N86985 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 0		COMMERCIAL, AGE 25, 1040 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
•	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILE	D TO SEE AND AVOID OBJEC	CTS OR OBSTRUCT	IONS	
	SPECIAL DATA TOTAL HOURS IN CROP CON- KIND OF CROP — BEANS PILOT'S SEAT BELT — UNK! GOGGLES — NOT USED COCKPIT CRASHPAD — NOT TANK/HOPPER-LOCATION — F ELEVATION—AREA BEING TRI FIRE AFTER IMPACT	NOWN/NOT REPORTED	TYPE (GLOVE CRASH CRASH	OF OPERATION — SPRAYING DF CHEMICAL USED — LIQU S — NOT USED HELMET — AVAILABLE USE BAR — INSTALLED IN—TYPE — LEVEL,FLAT RUN—HOW FLOWN — WIND C	ID CHEMICAL-TOXIC
3-3961	6/18/79 NR.WRIGHTSVILLE, OTIME - 1600 DEPARTURE POINT WRIGHTSVILLE, GA TYPE OF ACCIDENT COLLIDED WITH TREES	GA PIPER PA-25 N9534P DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	PX- 0 0 0 PHASE 0	COMMERCIAL ASSOC CROP CTL ACTIVIT F OPERATION IGHT RETURN TO STRIP	COMMERCIAL, AGE 57, 23000 TY TOTAL HOURS, 60 IN TYPE, NOT INSTRUMENT RATED.
	PROBABLE CAUSE(S) MISCELLANEOUS - UNDETER	MINED			
	SPECIAL DATA TOTAL HOURS IN CROP CONT KIND OF CROP - BEANS PILOT'S SEAT BELT - UNKN GOGGLES - USED COCKPIT CRASHPAD - NOT I TANK/HOPPER-LOCATION - II SWATH RUN-HOW FLOWN - UN FIRE AFTER IMPACT REMARKS- MEDICAL EXAMINER	NSTALLED FORWARD OF PILOT KNOWN/NOT REPORTED	TYPE GLOVE CRASH CRASH TERRA	DF OPERATION - SPRAYING OF CHEMICAL USED - LIQU S - USED HELMET - AVAILABLE-NOT BAR - INSTALLED IN-TYPE - LEVEL,FLAT	JID CHEMICAL-NONTOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA							
3-3810	6/28/79 NR	. FITZGERALD•GA)	GRUMMAN G-164	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 33, 7913 TOTAL HOURS, 3960 IN TYPE, INSTRUMENT							
	DEPARTURE P	POINT	INTENDED DESTINATION			RATED.							
	ITIZUENALI	J + 17 A	LOCAL										
	TYPE OF ACC ENGINE FA NOSE OVER	AILURE OR MALFUNC	CTION	IN F	OF OPERATION LIGHT PROCEDURE TURNAL ING LEVEL OFF/TOUCHDON								
	PERSONNEL POWERPLAN MISCELLAN PARTIAL POW	PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - FUEL SYSTEM CARBURETOR MISCELLANEOUS ACTS, CONDITIONS - MISSING PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SPECIAL DATA											
	SPECIAL DATA												
	TOTAL HOU KIND OF (PILOT'S S GOGGLES - COCKPIT C TANK/HOPP ELEVATION	IRS IN CROP CONTR CROP — OTHER LEAT BELT — UNKNO - NOT USED LRASHPAD — INSTAL LER-LOCATION — FO L-AREA BEING TREA	OL - UNKNOWN/NOT REPORT WN/NOT REPORTED LED IRWARD OF PILOT TED-FEET - 365 ITRY TO PROCEDURE TURN	TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED									
	REMARKS- CARBURETOR FLOAT PIN, PN P16773, MISSING. SPRAYING PEANUTS.												
				•									
3-2074	7/2/79 TIME - 2015	PELHAM,GA	CESSNA A188 N8179V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	ASSOC CROP CTL ACTIV	COMMERCIAL, AGE 33, 2725 ITY TOTAL HOURS, 24 IN TYPE, NOT INSTRUMENT RATED.							
		PORT - JONES STR	IP		•	NOT INSTROMENT KATED.							
	DEPARTURE P	OINT	INTENDED DESTINATION		•								
	PELHAM, GA TYPE OF ACC		LOCAL	PHASE	OF OPERATION								
	UNDERSHOO		· S	LAND	ING FINAL APPROACH ING FINAL APPROACH								
	PROBABLE CA PILOT IN		TO SEE AND AVOID OBJEC	TS OR OBSTRUC	TIONS								
	PILOT'S S GOGGLES - COCKPIT C		LED	GLOV CRAS CRAS	OF OPERATION - CHECKIN ES - NOT USED H HELMET - AVAILABLE US H BAR - INSTALLED AIN-TYPE - LEVEL,FLAT	IG CROPS/TREES/OBSTRUCTIONS							

		DNIEF				
FILE	DATE LOCATION	AIRCRAFT DATA	INJURIE F S			PILOT DATA
3-1981	7/25/79 DENTON, GA TIME - 1600	PIPER PA-36	CR- 0 0			COMMERCIAL, FL.INSTR., AGE 27, 4032 TOTAL HOURS 150 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT DENTON.GA TYPE OF ACCIDENT STALL MUSH	INTENDED DESTINATION LOCAL			OPERATION GHT STARTING SWATH RUN	
	PROBABLE CAUSE(S) PIŁOT IN COMMAND - FAILE FACTOR(S) WEATHER - DOWNDRAFT, UPDR		ING SPEED			
	SKY CONDITION			LING INLIMI	AT ACCIDENT SITE	
	SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)		PRE N	CIPIT	ATION AT ACCIDENT SITE	
	OBSTRUCTIONS TO VISION AT	ACCIDENT SITE		D DIR 270	ECTION-DEGREES	
•	WIND VELOCITY-KNOTS 10		TYP . V	-	WEATHER CONDITIONS	•
	TYPE OF FLIGHT PLAN NONE		•			
	SPECIAL DATA TOTAL HOURS IN CROP CONT KIND OF CROP - BEANS	ROL - 1400			F OPERATION - SPRAYING F CHEMICAL USED - LIQUI	
	PILOT'S SEAT BELT - FAST GOGGLES - USED COCKPIT CRASHPAD - INSTA		G C C	LOVES RASH RASH	- NOT USED HELMET - AVAILABLE USED BAR - INSTALLED	· · · · · · · · · · · · · · · · · · ·
	TANK/HOPPER-LOCATION - F ELEVATION-AREA BEING TRE REMARKS- PLT REPORTED DOWN	ATED-FEET - 50	S	WATH.	N-TYPE - LEVEL,FLAT RUN-HOW FLOWN - DOWNWIN T'LOW AIRSPEED WI PARTI	

PAGE 110

-2069 8 T N	B/1/79 CAMILLA TIME - 1700 NAME OF AIRPORT - 1000 DEPARTURE POINT	N4887X DAMAGE-		CR- PX-	0	1	COMMERCIA	L	CC	MMERCIAL,	AGE 33, 298		
D		CAMTLLA				U	ASSOC CRO	P CTL ACT	TY	COMMERCIAL, AGE 33,			
				9.0	e.		•						
т	PELHAN.GA	INTENDED DI LOCAL	SIINAIIUN										
	TYPE OF ACCIDENT	EGGAL			PH	SE O	F OPERATIO	N					
	ENGINE FAILURE OF GEAR COLLAPSED	R MALFUNCTION					IGHT NORM NG ROLL	AL CRUISE					
	PILOT IN COMMAND MISCELLANEOUS AC	- IMPROPER IN-FLIGH - MISMANAGEMENT OF F TS,CONDITIONS - FUEL	UEL -		ANNI	IG				•			
F	FACTOR(S) WEATHER - RAIN WEATHER - THUNDER TERRAIN - WET.SO										-		
		NO RECORD OF BRIEFIN ANCES - FORCED LANDIN			LAN		-				· ·		
	SKY CONDITION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE												
. 0	ZERO DBSTRUCTIONS TO VI NONE	SION AT ACCIDENT SIT	≣		TE		THUNDERST	UNIT			•		
W	VIND VELOCITY-KNOT: 45	5			TY		WEATHER C	ONDITIONS	*				

PAGE 111

NONE

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	IUR I E S	S M/N	FLIGHT PURPOSE	PILOT DATA			
	8/4/79 TIME - 15	LEESBURG,GA 530 E POINT					COMMERCIAL				
	TYPE OF ACCIDENT STALL PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND										
	FACTOR(S) WEATHER	IN COMMAND - FAILED	TO OBTAIN/MAINTAIN FLY D CONDITIONS	ING SF	EED						
	SKY CONDI SCATTER VISIBILII 5 OR OV OBSTRUCTI	ITION			CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 95						
	NONE WIND DIRE 315	ECTION-DEGREES	•		WIND VELOCITY-KNOTS 7 TYPE OF FLIGHT PLAN NONE						
	TYPE OF V	VEATHER CONDITIONS									
	SPECIAL D TOTAL H KIND OF PILOT'S CRASH H TERRAIN SWATH R	HOURS IN CROP CONTR CROP - OTHER S SEAT BELT - FASTE HELMET - AVAILABLE U N-TYPE - LEVEL,FLAT RUN-HOW FLOWN - UPW	JSED IND		T G T E	PE DGGI ANK / LE V / ROCE	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU LES - USED HOPPER-LOCATION - FORWA LION-AREA BEING TREATED DURE TURNAROUND - THIRD LOC TURN W NOSE DWN.HI S	ID CHEMICAL-TOXIC RD OF PILOT -FEET - 150 1/3 TURN			

			BRIEFS							
FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JURIE:	5 4/N	FLIGHT PURPOSE	PILOT DATA		
	8/7/79 TIME - 1930	MONTEZUMA,GA)	HUGHES 269C N7422F DAMAGE-SUBSTANTIAL	CR- PX-	0 0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 29, 355 TOTAL HOURS, 1200 IN TYPE, NOT INSTRUMENT RATED.		
	DEPARTURE I	POINT	INTENDED DESTINATION							
	MONTEZUMA TYPE OF ACC		LOCAL		РНΔ	SE C	F OPERATION			
		AILURE OR MALFUN	CTION		11	l FL	IGHT STARTING SWATH RIGHT STARTING SWATH R			
	MISCELLAN PARTIAL POW	T - TRANSMISSION NEOUS ACTS,CONDI VER LOSS - PARTIA	N ROTOR DRIVE SYSTEM OT TIONS - MATERIAL FAILURE AL LOSS OF POWER - 1 ENG FORCED LANDING OFF AIRPO	INE	I LAND					
	KIND OF (PILOT'S S GOGGLES - COCKPIT (TANK/HOPE ELEVATION	DRS IN CROP CONTR CROP - OTHER SEAT BELT - UNKNO - NOT USED CRASHPAD - NOT IN PER-LOCATION - S N-AREA BEING TRE	OWN/NOT REPORTED NSTALLED IDES ATED-FEET - 389		KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - WIND CALM RING ASSEMBLY DISENGAGING ENGINE FROM TRANSMISSION.					
3-3199	8/10/79 TIME - 1745	WAYNESBORO,GA	CESSNA 188B N48000 DAMAGE-SUBSTANTIAL		0 1 0 0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 38, 155 TOTAL HOURS, 1154 IN TYPE, INSTRUMENT RATED.		
*	DEPARTURE P	OINT	INTENDED DESTINATION							
	WAYNESBOR	, -	LOCAL		PHAS	E O	F OPERATION			
	COLLIDED	WITH WIRES/POL	ES		I	1 FL	IGHT PULLUP FROM SWAT	H RUN		
	PROBABLE CA	AUSE(S) COMMAND - MISJU	OGED CLEARANCE							
	SPECIAL DAT TOTAL HOU KIND OF C GLOVES - CRASH HEL CRASH BAF TERRAIN-T SWATH RUM		TY Ge Co T	PE OGGL ICKP NK/	OF OPERATION - SPRAYIN OF CHEMICAL USED - LIQU ES - NOT USED IT CRASHPAD - INSTALLEI HOPPER-LOCATION - FORW TION-AREA BEING TREATEI	JID CHEMICAL-NONTOXIC O ARD OF PILOT				

FILE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE	PILOT DATA				
3-3646	TIME - 140		CALLAIR A9A N8412V DAMAGE-DESTROYED					COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 43, 2900 TOTAL HOURS, 900 IN TYPE NOT INSTRUMENT RATED.				
	,	POINT A	INTENDED DESTINATION LOCAL										
	TYPE OF A		LUCAL	PHASE OF OPERATION									
	–	D WITH TREES		IN FLIGHT PULLUP FROM SWATH RUN									
	0022102	, H1 INCCO						TOTAL TRANSPORT	No.				
	PROBABLE (CAUSE(S)						•					
	PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) WEATHER - DOWNDRAFT, UPDRAFTS SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)												
					_		NC	AT ACCIDENT SITE					
					C			ITED					
					PRECIPITATION AT ACCIDENT SITE . NONE								
	OBSTRUCTIO	ONS TO VISION AT	ACCIDENT SITE	TYPE OF WEATHER CONDITIONS									
			•		VFR								
		_IGHT PLAN											
	NONE												
	SDECTAL D	A T A							,				
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 800 KIND OF CROP - PEAS					KII	יוט נ	F OPERATION - SPRAYIN	IG CROPS				
									OUID CHEMICAL-NONTOXIC				
	PILOT'S SEAT BELT - FASTENED-PROPERLY				GLOVES - NOT USED								
	GOGGLES - NOT USED			CRASH HELMET - AVAILABLE USED									
	COCKPIT CRASHPAD - INSTALLED						-	BAR - INSTALLED .					
	TANK/HOPPER-LOCATION - FORWARD OF PILOT			TERRAIN-TYPE - LEVEL, FLAT									
	SWATH RUN-HOW FLOWN - CROSSWIND			PROCEDURE TURNAROUND - FIRST 1/3 TURN									

PAGE 114

FILE	DATE L	DCATION	AIRCRAFT DATA	INJ F	UR I E S	S M/N	FLIGHT PURPOSE		PILOT DATA	
3-2462	8/29/79 NR.NORM/ TIME - 1030	AN PARK, GA	PIPER PA-25 N8581L DAMAGE-SUBSTANTIAL	CR- PX-	0 0 0 0	1 0	COMMERCIAL AERIAL APPL	ICATION	COMMERCIAL, AGE 51, 10000 TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.	
	DEPARTURE POINT NORMAN PARK.GA TYPE OF ACCIDENT ENGINE FAILURE NOSE OVER/DOWN	L			PHASE OF OPERATION IN FLIGHT SWATH RUN LANDING ROLL					
	FACTOR(S) TERRAIN - ROUGH PARTIAL POWER LOS	ISCELLANEOUS P H/UNEVEN SS — PARTIAL LOS	DWERPLANT FAILURE F SS OF POWER - 1 ENG D LANDING OFF AIRPO	INE						
	SPECIAL DATA TOTAL HOURS IN KIND OF CROP — PILOT'S SEAT BE GOGGLES — NOT U COCKPIT CRASHPA TANK/HOPPER-LOO ELEVATION-AREA	BEANS ELT - UNKNOWN/NO JSED ID - INSTALLED CATION - FORWAR!	O OF PILOT	ED	G C C T	YPE LOVE: RASH RASH ERRA	DF CHEMICAL S - NOT USED HELMET - AV BAR - INSTA IN-TYPE - LE	AILABLE USED LLED	CHEMICAL-NONTOXIC	
3-2067	8/29/79 NARABI TIME - 1030 DEPARTURE POINT	•GA A	AERO CMNDR S2R600 N88160 DAMAGE-DESTROYED ENDED DESTINATION	CR- PX-	0 0 0 0	1 0	COMMERCIAL AERIAL APPL	ICATION	COMMERCIAL, AGE 23, 1948 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.	
	CORDELE,GA TYPE OF ACCIDENT ENGINE FAILURE COLLISION WITH	OR MALFUNCTION	ARABI,GA	I	N FL	, F OPERATION IGHT PROCEDI IGHT PROCED)			
	MISCELLANEOUS A MISCELLANEOUS A COMPLETE POWER LO	D - INADEQUATE ACTS, CONDITIONS ACTS, CONDITIONS DSS - COMPLETE	PREFLIGHT PREPARAT - WATER IN FUEL - FUEL CONTAMINATION ENGINE FAILURE/FLAM D LANDING OFF AIRPO	LUSI ENG	VE OF		UEL			
	SPECIAL DATA TOTAL HOURS IN KIND OF CROP — PILOT'S SEAT BE GOGGLES — NOT L COCKPIT CRASHPA TANK/HOPPER—LOC ELEVATION—AREA PROCEDURE TURNA		T G C C	YPE (LOVE RASH RASH ERRA]	DF CHEMICAL V S - NOT USED HELMET - AV BAR - INSTA IN-TYPE - LE	AILABLE USED LLED	CHEMICAL-NON TOXIC			

		LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3809	DEPARTURE	POINT	INTENDED DESTINATION	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 24, 670 TOTAL HOURS, 325 IN TYPE, NOT INSTRUMENT RATED.
	HARTSVI TYPE OF A COLLIDE		. LOCAL		OF OPERATION IGHT STARTING SWATH	RUN
	FACTOR(S)	N COMMAND - FAILED	O TO SEE AND AVOID OBJEC	CTS OR OBSTRUC	TIONS	
	KIND OF PILOT'S GOGGLES COCKPIT TERRAIN SWATH R FIRE AFTE	OURS IN CROP CONTR CROP - BEANS SEAT BELT - UNKNO - NOT USED CRASHPAD - INSTAL -TYPE - LEVEL, FLAT UN-HOW FLOWN - WIN	WN/NOT REPORTED	TYPE GLOVE CRASI TANK	OF OPERATION — SPRAY OF CHEMICAL USED — L ES — NOT USED H HELMET — AVAILABLE I HOPPER—LOCATION — FOR ATION—AREA BEING TREA	IQUID CHEMICAL-TOXIC USED RWARD OF PILOT
3 - 3819	TIME - 11		N6842Z	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 71, 16000 TOTAL HOURS, 800 IN TYPE NOT INSTRUMENT RATED.
			INTENDED DESTINATION			NOT INSTRONERY RATES
	ADEL,GA LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH CROP			IN FL	DF OPERATION .IGHT STARTING SWATH ING ROLL	RUN
	MISCELL FACTOR(S) TERRAIN COMPLETE	ANT - ENGINE STRUC ANEOUS ACTS, CONDIT - HIGH VEGETATION POWER LOSS - COMPL	TURE MASTER AND CONNECTIONS - MATERIAL FAILURE ETE ENGINE FAILURE/FLAM CORCED LANDING OFF AIRPO	EOUT-1 ENGINE		
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPOR KIND OF CROP - BEANS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 238 REMARKS- NUMBER FOUR CONNECTING ROD BOLT FAILED.			TYPE CRASH TERR		

			AIRCRAFT DATA			CN	/ A1	DUDDOCE	PILOT DATA
	9/1/79 TIME - 1 DEPARTUR HAHIRA	NR.HAHIRA.GA 1900 E POINT A ACCIDENT	BELL 4701 N908B DAMAGE-DESTROYED INTENDED DESTINATION RETURN	CR- PX-	0 0	O O HAS	1 0	COMMERCIAL AERIAL APPLICATION F OPERATION IGHT FLAREOUT FOR SWAT	COMMERCIAL, AGE 29, 1550 TOTAL HOURS, 550 IN TYPE INSTRUMENT RATED.
	PROBABLE	E CAUSE(S) IN COMMAND - FAILE	D TO MAINTAIN ADEQUATE F	ROTOR R			_		
	KIND O PILOT GOGGLE COCKPI TANK/H	DATA HOURS IN CROP CONT F CROP - BEANS S SEAT BELT - FAST S - NOT USED T CRASHPAD - NOT I IOPPER-LOCATION - S ION-AREA BEING TRE	ENED-PROPERLY NSTALLED IDES			GLI CR CR TE	PE DVE ASH ASH RRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU' S - NOT USED HELMET - AVAILABLE USED BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - WIND C.	ID CHEMICAL-TOXIC
3-0021	1/10/79 TIME - 0	KEAAU•HI 1708	EMAIR MA-1 N306MA DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0	1 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 59, 2395 TOTAL HOURS, 3000 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - KURISTOWN AIRSTRI DEPARTURE POINT INTENDED DESTINATION KEAAU.HI LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH CROP				TΑ	KEO	F OPERATION FF INITIAL CLIMB NG LEVEL OFF/TOUCHDOWN	KATEU.	
	PROBABLE POWERP MISCEL FACTOR(S TERRAI PARTIAL	CAUSE(S) LANT - ENGINE STRU LANEOUS ACTS, CONDI) N - WET, SOFT GROUNI POWER LOSS - PARTI	CTURE CYLINDER ASSEMBLY TIONS - MATERIAL FAILURE D AL LOSS OF POWER - 1 ENG FORCED LANDING OFF AIRPO	SINE					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 3000 TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC GLOVES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT REMARKS- CYLINDER HEAD CRACKED.					PII CR/ CR/	DT SH SH	OF OPERATION - FERRY 'S SEAT BELT - UNKNOWN/N HELMET - AVAILABLE USED BAR - INSTALLED TION-AREA BEING TREATED-	

FILE		AIRCRAFT DATA	INJURIES	FLIGHT	PILOT DATA
3-1077	5/23/79 NR.LIHUE,HI TIME - 1400	HILLER ACFT UH-12E N155HA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0	. COMMERCIAL	COMMERCIAL, FL.INSTR., /ITY AGE 30, 5649 TOTAL HOURS, 1002 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT LIHUE,HI TYPE OF ACCIDENT COLLIDED WITH WIRES/POLE	:S		OF OPERATION FLIGHT EN ROUTE TO REI	•
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED FACTOR(S) TERRAIN - HIGH OBSTRUCTION	TO SEE AND AVOID OBJEC	TS OR OBSTRUC	CTIONS	
	SPECIAL DATA TOTAL HOURS IN CROP CONTE KIND OF CROP — OTHER PILOT'S SEAT BELT — UNKNO GOGGLES — NOT USED	ROL - UNKNOWN/NOT REPORT	·· TYPE	O OF OPERATION - DUSTIN E OF CHEMICAL USED - LI VES - NOT USED SH HELMET - AVAILABLE U	IQUID CHEMICAL-NONTOXIC
	COCKPIT CRASHPAD - NOT INTERPRETARY TANK/HOPPER-LOCATION - SIREMARKS- HIT PWR LINES.DUS	DES	CRA	SH BAR - NOT INSTALLED ATION-AREA BEING TREA	
3-1321	8/9/79 WAILUKU MAUI.HI TIME - 0805	HILLER 12E N90478 DAMAGE-SUBSTANTIAL	CR- 0 0 PX- 0 0	1 COMMERCIAL D AERIAL APPLICATION	AIRLINE TRANSPORT, AGE 33, 3995 TOTAL HOURS, 185 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT WAILUKU MAUI.HI TYPE OF ACCIDENT COLLIDED WITH TREES	WAILUKU MAUI,HI		OF OPERATION FLIGHT SWATH RUN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUE FACTOR(S) TERRAIN - HIGH OBSTRUCTION	•			
	SPECIAL DATA TOTAL HOURS IN CROP CONTRIBUTED OF CROP — OTHER PILOT'S SEAT BELT — FASTE GOGGLES — NOT USED COCKPIT CRASHPAD — NOT IN	OL - 1 NED-PROPERLY	KINI Typ Glo' Cra	O OF OPERATION - SPRAY: E OF CHEMICAL USED - L /ES - NOT USED SH HELMET - AVAILABLE-I	ING CROPS IQUID CHEMICAL-NONTOXIC NOT USED

FILE	DATE	LOCATION	AIRCRAFT DATA		F	IES S M/I	١	PURPOSE	PILOT DATA
3-1345	TIME - 090	IR.OROFINO.ID	PIPER PA-25	CR-	0	1)		COMMERCIAL, AGE 39, 4577 TOTAL HOURS, 254 IN TYPE, INSTRUMENT RATED.
	OROFINO,I	D	LOCAL						
	TYPE OF AC	CIDENT WITH TREES			Ρ			OPERATION GHT PROCEDURE TURNAROL	UND
	PROBABLE C								
	FACTOR(S)	I CUMMAND - FAILE	D TO OBTAIN/MAINTAIN FL	ATMG 2	PEE	ט			
	WEATHER	- DOWNDRAFT.UPDR - HIGH OBSTRUCTION						·	
	SKY CONDIT	-			С			AT ACCIDENT SITE	
		AT ACCIDENT SITE			Ρ		11	ATION AT ACCIDENT SITE	
		R(UNLIMITED) NS TO VISION AT A	ACCIDENT SITE		T	NON YPE (VFR	_	WEATHER CONDITIONS	
	TYPE OF FL	IGHT PLAN							
	NONE		$(a_1,a_2,\ldots,a_{2n-1},a_{2n-1},\ldots,a_{2n-2},\ldots,a_{2n-2})$						
	SPECIAL DA	\T.A						•	•
		URS IN CROP CONTE	RNI - 500			KIN) n	F OPERATION - FERTILIZI	NG (DUST)
	_	CROP - GRAIN FIE					_	F CHEMICAL USED - DRY	
	PILOT'S	SEAT BELT - FASTE	ENED-PROPERLY			GLO	/ES	- NOT USED	
	CRASH HE	LMET - AVAILABLE	USED			COC	(PI	T CRASHPAD - INSTALLED	
		R - INSTALLED						OPPER-LOCATION - FORWAR	
	TERRAIN-	TYPE - HILLY MOUNTAINOU	JS .			ELE	/ A 1	ION-AREA BEING TREATED-	-FEET - 2800
		N-HOW FLOWN - WI	ND CALM			PRO	CED	URE TURNAROUND - THIRD	1/3 TURN .
	FIRE AFTER	IMPACT							

		•							
FILE	DATE	LOCATION	AIRCRAFT DATA				FLI PUR	GHT POSE	PILOT DATA
3-0621	5/7/79 NI TIME - 092	R•RIGBY•ID O	AIR TRACTOR AT-301 N4331S DAMAGE-DESTROYED	CR- PX-				CIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 43, 1341 TOTAL HOURS 38 IN TYPE, INSTRUMENT RATED.
	RIGBY.ID TYPE OF AC		INTENDED DESTINATION LOCAL ER: CONTROLLED		Pi		OF OPERA LIGHT S	TION WATH RUN	
	FACTOR(S)	COMMAND - FAILED	TO SEE AND AVOID OBJEC	CTS OR	OB	S TRUC	TIONS		
•• • • •	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 400 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 5500 REMARKS- FLEW INTO SMALL RISE.								JID CHEMICAL-NONTOXIC

PAGE 120

FILE		LOCATION	AIRCRAFT DATA	INJ F	URIES S M/	N	FLIGHT PURPOSE	PILOT DATA
3-0890	5/12/79 NR. TIME - 1100	GOODING, ID	HUGHES 269B N9497F DAMAGE~DESTROYED	CR- PX-	0 0	1 0	COMMERCIAL RERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 30, 1038 TOTAL HOURS, 509 IN TYPE, NOT INSTRU- MENT RATED.
4	GOODING,ID TYPE OF ACCI	DENT	INTENDED DESTINATION LOCAL ER CONTROLLED				OPERATION HT PROCEDURE TURNAR(
	FACTOR(S)	JSE(S)	TO MAINTAIN ADEQUATE		P.M.			
-	5 OR OVER OBSTRUCTIONS	ON AT ACCIDENT SITE (UNLIMITED) S TO VISION AT AC			UNL PRECI NON TEMPE 65	IMITA PITA E RATU OF F	TION AT ACCIDENT SITE	:
	TOTAL HOUR KIND OF CF PILOT'S SE GOGGLES — COCKPIT CR TANK/HOPPE ELEVATION— PROCEDURE	ASHPAD - NOT INS R-LOCATION - SI	OS NED-PROPERLY STALLED DES NED-FEET - 3500 IRD 1/3 TURN		TYP GLO CRA CRA TER	E OF VES SH F SH B RAIN	OPERATION - SPRAYING CHEMICAL USED - LIQU NOT USED BELMET - AVAILABLE USE AR - NOT INSTALLED -TYPE - LEVEL + FLAT UN-HOW FLOWN - CROSSM	JID CHEMICAL-NONTOXIC
0 -								
3-0920	TIME - 1950 DEPARTURE PO	TNI	N65573 DAMAGE-DESTROYED INTENDED DESTINATION				OMMERCIAL SSOC CROP CTL ACTIVIT	COMMERCIAL, AGE 28, 1474 TOTAL HOURS, 640 IN TYPE, INSTRUMENT RATED.
	NEZ PERCE. TYPE OF ACCI COLLIDED W		NEZ PERCE, ID				OPERATION HT NORMAL CRUISE	
	PROBABLE CAU	ANCE						
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 640 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - UNKNOWN/NOT REPORTED ELEVATION-AREA BEING TREATED-FEET - 3100 FIRE AFTER IMPACT				TYP GLO CRA CRA TER	E OF VES SH H SH B RAIN	OPERATION - FERTILIZ CHEMICAL USED - UNKN - NOT USED ELMET - NOT AVAILABLE AR - NOT INSTALLED -TYPE - MOUNTAINOUS UN-HOW FLOWN - UNKNOW	NOWN/NOT REPORTED

FILE	DATE	LOCATION	AIRCRAFT DATA		RIES S M			PILOT DATA
3-1346	TIME - 07 DEPARTURE UNKNOWN/ TYPE OF A	POINT NOT REPORTED		PX- 0	0 PHAS	0 E 0	COMMERCIAL AERIAL APPLICAT OF OPERATION IGHT STARTING S	600 IN TYPE, NOT INSTRU- MENT RATED.
	FACTOR(S)	N COMMAND - MISJU						
	KIND OF GLOVES CRASH F TANK/HO ELEVATI	OURS IN CROP CONT CROP - POTATOES - USED BELMET - AVAILABLE PPER-LOCATION - F CON-AREA BEING TRE		- - S/MI /MI	TY GO CO TE	PE GGL CKF RR A	ES - USED PIT CRASHPAD - IN IN-TYPE - LEVEL,	O - LIQUID CHEMICAL-NONTOXIC

PAGE 122

FILE	DATE	LOCATION	AIRCRAFT DATA	F	= :	S M/I	N	PURPOSE		PILOT DATA				
		/79 NR.LEWISTON.ID GRUMMAN G-164A CR- 0 1 0 COMMERCIAL							COMMERCIAL, AGE 22, 2119 TOTAL HOURS, 1400 IN TYPE, NOT INSTRUMENT RATED.					
		POINT	INTENDED DESTINATION							, and the second				
	LEWISTON,		LOCAL		Di	LACE	0.0	- 00-04-104						
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER CONTROLLED PHASE OF OPERATION IN FLIGHT EN ROUTE TO TREAT CROP													
	PROBABLE C		ER IN-FLIGHT DECISIONS	00 01/	A A I A I	TNC				•				
		COMMAND - MISJUD		UK PLA	AININ .	ING								
	FACTOR(S)													
	TERRAIN					*								
		- DOWNDRAFT, UPDRA	· · ·											
	WEATHER BR WEATHER FO													
	SKY CONDIT	CEILING AT ACCIDENT SITE												
	CLEAR	. AT ACCIDENT CITE												
		AT ACCIDENT SITE		PRECIPITATION AT ACCIDENT SITE NONE										
			CCIDENT SITE		W 1			RECTION-DEGRI	FES					
	NONE		3333			90								
	MIND AEFOC	I-TY-KNOTS			T			WEATHER, CON	DITIONS					
	10					VFR								
	TYPE OF FL NONE	IGHT PLAN												
		SPECIAL DATA						OF ORFOLTION	CDDAYING	Spons.				
		URS IN CROP CONTR CROP - PEAS	UL - 250				-		- SPRAYING C	CHEMICAL-TOXIC				
	_	WN/NOT REPORTED					S - USED	0250 - 516010	CHEMICAL-TOXIC					
	GOGGLES	CRASH HELMET - AVAILABLE USED												
	COCKPIT			CRAS	SH	BAR - INSTAL	LLED							
	TANK/HOP	TANK/HOPPER-LOCATION - FORWARD OF PILOT						ELEVATION-AREA BEING TREATED-FEET - 2300						

PAGE 123

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURI	ES (N)	DUDDOCE	PILOT DATA						
	7/24/79	/79 HAMMETT,ID - 1000	CALLAIR A-9	CR - 0	0 1	COMMERCIAL	COMMERCIAL, FL.INSTR., AGE 29, 2800 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.						
	DEPARTURE NAMPA, I		INTENDED DESTINATION LOCAL										
	TYPE OF A	CCIDENT		PH.	ASE O	F OPERATION							
	COLLISI	ON WITH GROUND/WAT D WITH TREES	ER CONTROLLED			IGHT SWATH RUN IGHT PULLUP FROM SWATH	RUN						
	PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - MISJUDGED SPEED AND CLEARANCE FACTOR(S)												
	PACTORIS) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS.CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. WEATHER - HIGH DENSITY ALTITUDE TERRAIN - HIGH OBSTRUCTIONS												
	MISCELL WEATHER B	ANEOUS ACTS,CONDIT	IONS - LOAD NOT JETTIS D OF BRIEFING RECEIVED										
	WEATHER F	ORECAST - UNKNOWN/	NUI KEPUKIEU										
	SKY CONDI	TION ·				AT ACCIDENT SITE							
	CLEAR VISIBILIT	Y AT ACCIDENT SITE			JNLIM ECIPI	TATION AT ACCIDENT SITE	:						
		ER (UNLIMITED)			NONE	77777							
		ONS TO VISION AT A	CCIDENT SITE			TURE-F							
	NONE WIND DIRE	CTION-DEGREES			78 ND VE	LOCITY-KNOTS							
	. 135				2								
	TYPE OF W	FEATHER CONDITIONS			PE OF NONE	FLIGHT PLAN							
	SPECIAL D	OURS IN CROP CONTR	OL - 300		-	OF OPERATION - SPRAYING							
	PILOT'S	CROP - POTATOES SEAT BELT - UNKNO - NOT USED	WN/NOT REPORTED		GLOVE	OF CHEMICAL USED - LIQUI :S - USED HELMET - AVAILABLE USED							
	COCKPIT	CRASHPAD - NOT IN			CRASH	BAR - INSTALLED							
	ELEVATI PROCEDU					IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - DOWNWIN	ID.						
	FIRE AFTE REMARKS—		.HIT GRND,CONT FLT BUT	LOST SPEE	D.UN	CLR TREES.OVR GROSS WT 5	4PDS.DENS ALT 5000.						

			BRIEF	S DF	ACC	IDEN	ITS			
FILE	DATE	LOCATION	AIRCRAFT DATA	. I		RIES		FLIGHT PURPOSE		PILOT DATA
3-1379	PILOT 1 FACTOR(S	OPER IN-FLIGHT DECISIONS D TO SEE AND AVOID OBJE	PX-	LANI	O PHAS IN NING	O FL	F OPERATION IGHT EN ROUTE		NOT INSTRUMENT RATED.	
	MISCELL SPECIAL (TOTAL F KIND OF PILOT'S GOGGLES COCKPIT TANK/HG	HOURS IN CROP CONT F CROP - PQTATOES S SEAT BELT - UNKN S - NOT USED F CRASHPAD - INSTA DPPER-LOCATION - F ION-AREA BEING TRE	TIONS - SUNGLARE ROL - 1500 OWN/NOT REPORTED LLED			GL CR CR	PE OVE ASH ASH	DF OPERATION — OF CHEMICAL USI S — NOT USED HELMET — AVAII BAR — INSTALLI IN—TYPE`— ROLL	ED - LIQUID LABLE USED ED	ROPS CHEMICAL-TOXIC

PAGE 125

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	R I E S	S M/N	FLIGHT PURPOSE	. *	PILOT DATA
-1663	8/10/79 TIME - 1230	NEWDALE.ID	AIR TRACTOR AT-301 N8791S DAMAGE-SUBSTANTIAL	CR - C PX - 0) () 1	COMMERCIAL		COMMERCIAL, FL.INSTR., AGE 44, 1822 TOTAL HOURS 417 IN TYPE, INSTRUMENT RATED.
	NAME OF AIL DEPARTURE I NEWDALE, Type of AC	ID	NTENDED DESTINATION LOCAL		PH /	SF (OF OPERATION		
		USH 17 17 17 17 17 17 17 17 17 17 17 17 17					OFF INITIAL		
	PILOT IN FACTOR(S) WEATHER AIRPORTS, MISCELLAI MISCELLAI	COMMAND - INADEQUA COMMAND - FAILED - - HIGH DENSITY ALT /AIRWAYS/FACILITIES NEOUS ACTS, CONDITION NEOUS ACTS, CONDITION	TE PREFLIGHT PREPARATO OBTAIN/MAINTAIN FL' TUDE - AIRPORT CONDITIONS - JETTISONED LOAD DNS - IMPROPERLY LOADE OF BRIEFING RECEIVED	YING SPE S POORL	ED Y M	MAIN	FAINED RUNWA		
	SKY CONDIT	ION					G AT ACCIDEN	T SITE	
	VISIBILITY	AT ACCIDENT SITE R(UNLIMITED)			PR			CCIDENT SITE	
	OBSTRUCTION NONE	NS TO VISION AT AC	CIDENT SITE		REI L	ATI IGH	VE BEARING O F AND VARIAB	LE	
	75		k	•		PE O /FR	WEATHER CO	NDITIONS	
	TYPE OF FL NONE								•
	KIND OF (PILOT'S CRASH HEI	TA URS IN CROP CONTROL CROP - GRAIN FIELDS SEAT BELT - UNKNOWI LMET - AVAILABLE US R - INSTALLED	; N/NOT REPORTED	•	(TYPE SOGG SOCKI	OF CHEMICAL LES - NOT US PIT CRASHPAD		O CHEMICAL-TOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUF F	RIES S M/N	FLIGHT PURPOSE		PILOT DATA				
3-1989	TIME - 1	E POINT	CALLAIR A-9 N7223V DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 0 PX- 0	1 0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 23, 902 TOTAL HOURS, 405 IN TYPE, NOT INSTRUMENT RATED.				
	TYPE OF	ACCIDENT FAILURE OR MALFUNCT		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING FINAL APPROACH								
	POWERP MISCEL PILOT PARTIAL	IN COMMAND - FAILED POWER LOSS - PARTIA	TEM MAGNETOS IONS — EXCESSIVE-WEAR/P TO OBTAIN/MAINTAIN FLY L LOSS OF POWER — 1 ENG DRCED LANDING OFF AIRPO	ING SPEE SINE								
	KIND O PILOT' GOGGLE CRASH ELEVAT FIRE AFT	HOURS IN CROP CONTRI F CROP - GRAIN FIELD S SEAT BELT - UNKNOW S - USED BAR - INSTALLED ION-AREA BEING TREAT ER IMPACT	OS WN/NOT REPORTED	ISE RESIII	TYPE GLOV CRAS TERF	O OF OPERATION OF CHEMICAL (ES - NOT USED H HELMET - AV (AIN-TYPE - RO	USED - DRY CH AILABLE USED LLING	EMICAL-TOXIC				
		•				,						
-0810	DEPARTUR	E POINT	CESSNA A188-B N4847R DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 PX- 0	0 1	COMMERCIAL) AERIAL APPL	ICATION	COMMERCIAL, AGE 25, 1323 TOTAL HOURS, 779 IN TYPE, NOT INSTRUMENT RATED.				
	TYPE OF ENGINE	ACCIDENT FAILURE OR MALFUNCT VER/DOWN			IN F	OF OPERATION LIGHT SWATH DING ROLL	RUN					
	PILOT PILOT MISCEL	IN COMMAND - MISMAN LANEOUS ACTS, CONDITI	JATE PREFLIGHT PREPARAT AGEMENT OF FUEL ONS - FUEL EXHAUSTION	ION AND/	'OR PL	ANNING						
	MISCEL TERRAI COMPLETE	LANT - POWERPLANT-IN LANEOUS ACTS,CONDIT N - WET,SOFT GROUND POWER LOSS - COMPLI	NSTRUMENTS FUEL QUANTI IONS - IMPROPER ALIGNME ETE ENGINE FAILURE/FLAM	NT/ADJUS	STMENT ENGINE							
			ORCED LANDING OFF AIRPO	RI ON LA	AND		•	a r				
	KIND O PILOT' GOGGLE COCKPI	HOURS IN CROP CONTRI F CROP - GRAIN FIELD S SEAT BELT - FASTED S - NOT USED T CRASHPAD - NOT IN	DS NED-PROPERLY STALLED		TYPE GLO\ CRAS CRAS	/ES - NOT USED H HELMET - AV SH BAR - INSTA	USED - LIQUID AILABLE USED LLED	G (LIQUID) CHEMICAL-NONTOXIC				
	ELEVAT	OPPER-LOCATION - FOF ION-AREA BEING TREA URE TURNAROUND - SEC	TED-FEET - 447			AIN-TYPE - LE H RUN-HOW FLO		D				

FILE	DATE		AIRCRAFT DATA		F S	ES M/N	PURPOSE		PILO	T DATA	
3 - 2253	4/18/79 TIME - 133	SANDOVAL, IL	GRUMMAN G-164B N6703K DAMAGE-SUBSTANTIAL	CR- PX-	0	0 1	COMMERCIAL AERIAL APPLICA		IN TYPE, IN	TAL HOURS, 63	
	DEPARTURE SANDOVAL TYPE OF AC ENGINE F NOSE OVE	DUCHDOWN	RATED.								
	MISCELLA FACTOR(S) TERRAIN COMPLETE P	L - MAINTENANCE, NEOUS ACTS,CONDIT - WET,SOFT GROUNE OWER LOSS - COMPI	SERVICING, INSPECTION O TIONS - WATER IN FUEL O LETE ENGINE FAILURE/FLA FORCED LANDING OFF AIRPO	MEOUT-						·	
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 650 REMARKS- PLT STATED ACFT 1ST TO BE FUELED OUT OF NEW LOAD OF GAS, NEXT ACFT FUELED ALSO HAD WATER IN SYSTEM.										
- 1628	4/20/79 TIME - 073	EFFINGHAM•IL O	CESSNA A188B N8904G DAMAGE-SUBSTANTIAL				COMMERCIAL ASSOC CROP CTL	ACTIVITY	COMMERCIAL, AGE 25, 509 70 IN TYPE,	TOTAL HOURS	
	DEPARTURE	RPORT - EFFINGHAM POINT	COUNTY INTENDED DESTINATION						RATED.	1,13,11,011,211,1	
	EFFINGHAI TYPE OF AC COLLIDED NOSE OVE	CIDENT WITH DITCHES	LOCAL.			TAKE	OF OPERATION DEF ABORTED OFF ABORTED				
	PROBABLE CAUSE(S) PILOT IN COMMAND - PREMATURE LIFT-OFF PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF FACTOR(S) TERRAIN - ROUGH/UNEVEN										
	KIND OF PILOT'S			ΓED		TYPE GLOV	OF OPERATION - C OF CHEMICAL USEG ES - NOT USED H HELMET - AVAILA	D - DRY CHE		IC	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU	RIES S M/N	FLIGHT PURPOSE	PILOT DATA				
3-1816	UNKNOWN/NOT TYPE OF ACCID	REPORTED	BRANTLY B-2B N2283U DAMAGE-SUBSTANTIAL INTENDED DESTINATION UNKNOWN/NOT REPORTED		0 1 0 0	COMMERCIAL AERIAL APPLICATION OF OPERATION LIGHT CLEANUP SWATH	COMMERCIAL, AGE 40, 374 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.				
	PROBABLE CAUS		TO SEE AND AVOID OBJEC	TS OR O	BSTRUC	TIONS	•				
	KIND OF CRO PILOT'S SEA GOGGLES — N COCKPIT CRA TANK/HOPPER	P - BEANS AT BELT - UNKNO HOT USED ASHPAD - NOT IN LOCATION - SI			TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - USED CRASH HELMET - AVAILABLE-NOT USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - ROLLING						
3-2240	7/31/79 EF TIME - 1730 DEPARTURE POI FENTON,IL TYPE OF ACCIO	N I	INTENDED DESITNATION			COMMERCIAL AERIAL APPLICATION OF OPERATION	COMMERCIAL, AGE 30, 607 TOTAL HOURS, 105 IN TYPE, INSTRUMENT RATED.				
	STALL MUSH				IN F	LIGHT PROCEDURE TURNAR	ROUND				
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS										
	SPECIAL DATA TOTAL HOURS KIND OF CRO PILOT'S SEA GOGGLES - N COCKPIT CRA TANK/HOPPER ELEVATION-A PROCEDURE T	IN CROP CONTR P — CORN IT BELT — UNKNO OT USED SHPAD — INSTAL LOCATION — FOF LEA BEING TREA URNAROUND — TH	OL - 90 WN/NOT REPORTED LED RWARD OF PILOT TED-FEET - 620		KIND TYPE GLOV CRAS CRAS TERR	OF OPERATION — SPRAYIN OF CHEMICAL USED — LIC ES — NOT USED H HELMET — AVAILABLE US H BAR — NOT INSTALLED AIN—TYPE — LEVEL,FLAT H RUN—HOW FLOWN — CROSS	OUID CHEMICAL-TOXIC				

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	RIES S M	/N	FLIGHT PURPOSE		PILOT DATA
3-3395	9/20/79 TIME - 16	LA MOILLE,IL 00	PIPER PA-25 N8816L DAMAGE-SUBSTANTIAL INTENDED DESTINATION LA MOILLE,IL	CR- 0 PX- 0	0	1 0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 42, 4055 TOTAL HOURS, 63 IN TYPE, NOT INSTRUMENT RATED.
	TVDE DE A	CCIDENT WATER LOOP-SWERVE			LA	NDI	F OPERATION NG ROLL NG ROLL		
	PILOT I	N COMMAND - IMPROP N COMMAND - DIVERTE	ER OPERATION OF BRAKES ED ATTENTION FROM OPER NSPECT WEEDS. PILOT ST	ATION OF	AIR	CR A	FT	GHTS OF FIELD	SURVEY.
3-2232		SOLITUDE,IN 30	DAMACE DECEDOVED	PX0					COMMERCIAL, AGE 39, 3100 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	MT VERN TYPE OF A	ON,IN.	INTENDED DESTINATION MAHOMET,IL				F OPERATION IGHT NORMA		
	PILOT II ROTORCR MISCELL FACTOR(S) MISCELL REMARKS-	AFT - MISCELLANEOU ANEOUS ACTS.CONDIT ANEOUS ACTS.CONDIT SPRAY BOOMS NOT SE	JATE PREFLIGHT PREPARA'S UNITS AND ASSEMBLIES IONS - IMPROPERLY SECU! IONS - SEPARATION IN FI CURED PROPERLY.FERRY F	OTHER RED IGHT LIGHT.	SPR	Y B	OOM STRUCK		
3-1563	DEPARTURE		PIPER PA-25 N6209Z DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- C PX- C	0 0	0	COMMERCIAL AERIAL APP	LICATION	COMMERCIAL, AGE 46, 2018 TOTAL HOURS, 410 IN TYPE NOT INSTRUMENT RATED.
	TYPE OF A		20072				F OPERATION IGHT PULLU	P FROM SWATH R	UN
	PROBABLE PILOT II	CAUSE(S) N COMMAND - MISJUDO	GED CLEARANCE				2***		
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOI ELEVATI	OURS IN CROP CONTR CROP - OTHER SEAT BELT - FASTE - USED CRASHPAD - INSTAL PPER-LOCATION - FOO ON-AREA BEING TREA	NED-PROPERLY	. •	TY GL CR CR TE	PE OVE ASH ASH RRA	OF CHEMICAL S - NOT USE HELMET - A' BAR - INST IN-TYPE - L	D VAILABLE USED ALLED	ROPS CHEMICAL-NONTOXIC

FILE					FLIGHT N PURPOSE					
3-3208	9/7/79 N	R.VERSAILLES.IN		CR- 0 0 PX- 0 0	1 COMMERCIAL O ASSOC CROP CTL ACTIVIT	COMMERCIAL, FL.INSTR.,				
	MDAISON, TYPE OF AC	IN CIDENT AILURE OR MALFUNC	INTENDED DESTINATION LOCAL	IN	OF OPERATION FLIGHT EN ROUTE TO TREAT DING LEVEL OFF/TOUCHDOWN	T CROP				
	MISCELLA COMPLETÉ P	NT - ENGINE STRUC NEOUS ACTS, CONDIT OWER LOSS - COMPL	TURE BLOWER, IMPELLER A IONS — MATERIAL FAILURE ETE ENGINE FAILURE/FLAM ORCED LANDING OFF AIRPO	: 4EOUT-1 ENGIN	E					
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO	URS IN CROP CONTR CROP - CORN SEAT BELT - FASTE - NOT USED CRASHPAD - INSTAL PER-LOCATION - FO IN-AREA BEING TREA	NED-PROPERLY LED RWARD OF PILOT	TYP GLO CRA CRA	KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXI GLOVES - NOT USED CRASH_HELMET - AVAILABLE USED CRASH_BAR - INSTALLED TERRAIN-TYPE - LEVEL, FLAT					
3-2754	TIME - 140	WELLMAN.IA O	HUGHES 269B N9416F DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 0 PX- 0 0	1 COMMERCIAL O AERIAL APPLICATION	COMMERCIAL, AGE 26, 437 TOTAL HOURS, 97 IN TYPE, NOT INSTRUMENT RATED.				
	WELLMAN, TYPE OF AC	IA CIDENT AILURE OR MALFUNC	LOCAL	IN	OF OPERATION FLIGHT PROCEDURE TURNARO DING POWER-OFF AUTOROTAT					
	MISCELLA PARTIAL PO	AUSE(S) NT - IGNITION SYS NEOUS ACTS,CONDIT WER LOSS - PARTIA CIRCUMSTANCES - F								
	KIND OF PILOT'S GDGGLES COCKPIT TANK/HOP ELEVATIO PROCEDUR	URS IN CROP CONTR CROP - BEANS SEAT BELT - FASTE - USED CRASHPAD - NOT IN PER-LOCATION - SI N-AREA BEING TREA E TURNAROUND - TH	NED-PROPERLY STALLED DES TED-FEET - 720	TYP GLO CRA CRA TER SWA	D OF OPERATION - SPRAYING E OF CHEMICAL USED - LIOU VES - USED SH HELMET - AVAILABLE USE SH BAR - NOT INSTALLED RAIN-TYPE - ROLLING TH RUN-HOW FLOWN - UPWIND	DID CHEMICAL-NONTOXIC				

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR F	IES S M/N	FLIGHT PURPOSE		PILOT DATA			
3-2766	6/30/79 IC TIME - 1355 DEPARTURE POI	JWA FALLS•IA INT	CESSNA 188B N44650 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- 0 PX- 0	1 0 0 0	COMMERCIAL AERIAL APPI	_ I C A T I O N	COMMERCIAL, AGE 49, 8100 TOTAL HOURS, 2112 IN TYPE, INSTRUMENT RATED.			
	COLLIDED WI	TH WIRES/POLES	•				P FROM SWATH RI	JN			
	FACTOR(S)	DMMAND - MISJUDG	ED CLEARANCE ONS - PILOT FATIGUE								
	KIND OF CRO PILOT'S SEA GOGGLES - U COCKPIT CRA TANK/HOPPEF ELEVATION-A PROCEDURE	AT BELT - FASTENI JSED SSHPAD - INSTALLI R-LOCATION - FOR RREA BEING TREATI TURNAROUND - ENT	ED-PROPERLY	-LY UNDER							
			· · · · · · · · · · · · · · · · · · ·								
3-1552	6/30/79 DE TIME - 1950	ES MOINES, IA	CESSNA A188 N6299G DAMAGE-DESTROYED	CR- 0 PX- 0	1 0 0 0	COMMERCIAL AERIAL APPI	LICATION	COMMERCIAL, AGE 38, 6508 TOTAL HOURS, 4000 IN TYPE, NOT INSTRUMENT RATED.			
	PRAIRIE CIT	TY+IA				F OPERATION IGHT START	ING SWATH RUN	KATED.			
	PROBABLE CAUS		TO SEE AND AVOID OBJE	CTS OR OB	S TR UC T	IONS					
	KIND OF CRO PILOT'S SEA GOGGLES - N COCKPIT CRA TANK/HOPPER ELEVATION-A	OP - BEANS AT BELT - FASTEN NOT USED ASHPAD - INSTALL	ED WARD OF PILOT		TYPE GLOVE CRASH CRASH TERRA	OF CHEMICAL) /AILABLE-NOT U: ALLED EVEL•FLAT	CHEMICAL-NONTOXIC			

FILE	DATE		AIRCRAFT DATA	F	=	S M.	/N	FLIGHT PURPOSE	PILOT DATA		
	7/3/79 TIME - 0	NR.ANTHON,IA 845	BELL 47-G2 N85Z DAMAGE-DESTROYED INTENDED DESTINATION	CR- PX-	0 0	0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 351 TOTAL HOURS, 75 IN TYPE, INSTRUMENT RATED.		
	ANTHON.		LOCAL								
	TYPE OF ENGINE COLLIS	ION ER CONTROLLED			ΙN	FL	F OPERATION IGHT PROCEDURE TURNAROUND NG POWER-OFF AUTOROTATIVE				
	PILOT 1 MISCELI MISCELI COMPLETE	LANEOUS ACTS.CONDITI POWER LOSS - COMPLE	GEMENT OF FUEL ONS - MISCALCULATED FOOR ONS - FUEL EXHAUSTION ETE ENGINE FAILURE/FLAN RCED LANDING OFF AIRPO	MEOUT-	1 E	NG I					
	KIND OF PILOT'S GOGGLES COCKPITANK/HO ELEVATI	DATA HOURS IN CROP CONTRO CROP - PASTURE S SEAT BELT - UNKNOW S - USED T CRASHPAD - NOT INS OPPER-LOCATION - BEL ION-AREA BEING TREAT URE TURNAROUND - THI	IN/NOT REPORTED TALLED LY ED-FEET - 1250			CR / CR / CR /	PE (DVE: ASH ASH (RA)	OF OPERATION - SPRAYING CR OF CHEMICAL USED - LIQUID S - USED HELMET - AVAILABLE USED BAR - NOT INSTALLED IN-TYPE - ROLLING RUN-HOW FLOWN - WIND CALM	CHEMICAL-NONTOXIC		
3-2756	8/29/79 TIME - 19	NR.MASONVILLE.IA 900	GRUMMAN G-164 N13MZ DAMAGE-DESTROYED	CR- PX-	0	0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 48, 2680 TOTAL HOURS, 155 IN TYPE, NOT INSTRU- MENT RATED.		
	DEPARTUR		MUNI INTENDED DESTINATION LOCAL					•			
	TYPE OF A	ACCIDENT				PHASE OF OPERATION IN FLIGHT FLAREOUT FOR SWATH RUN					
	PROBABLE PILOT		TO OBTAIN/MAINTAIN FL	YING SF	PEE	D					
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTE KIND OF CROP - CORN PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 1150					GLO CRA CRA	PE (OVES ASH ASH RRA:	DF OPERATION - SPRAYING CRO OF CHEMICAL USED - LIQUID S - NOT USED HELMET - AVAILABLE USED BAR - INSTALLED IN-TYPE - ROLLING RUN-HOW FLOWN - WIND CALM	CHEMICAL-TOXIC		

	DATE	LOCATION	AIRCRAFT DATA	· INJUR F	RIES S M/N	FLIGHT PURPOSE		PILOT DATA					
	9/7/79		PIPER PA-36 N3881E DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1 0 0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 43, 1742 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.					
		NAME OF AIRPORT - MANNING MUNI DEPARTURE POINT INTENDED DESTINATION MANNING∙IA LOCAL											
	MANNING.	PUINI IA	INTENDED DESTINATION										
	TYPE OF ACCIDENT PHASE OF OPERATION												
	STALL		•		TAKEC	FF INITIAL	CLIMB						
	PILOT IN FACTOR(S)												
	WEATHER	- WIND SHEAR	•										
	SKY CONDIT	ION		C	EILING	AT ACCIDEN	T SITE						
	VISIBILITY	AT ACCIDENT SITE		. Р	RECIPI		CCIDENT SITE						
		R(UNLIMITED) NS TO VISION AT AC	CIDENT SITE	7	NONE	TURE-F							
	NONE	e 🕶 i transport	OIDENT SITE		75								
	TYPE OF WE VFR	ATHER CONDITIONS		7	TYPE OF NONE	FLIGHT PLA	N						
		SPECIAL DATA											
	TOTAL HO KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP	URS IN CROP CONTRO CROP — UNKNOWN/NOT SEAT BELT — UNKNOW — NOT USED CRASHPAD — INSTALL PER-LOCATION — FOR	N/NOT REPORTED ED WARD OF PILOT		TYPE GLOVE CRASH CRASH ELEV	OF CHEMICAL S - NOT USE HELMET - A BAR - INST TION-AREA B	D VAILABLE-NOT U ALLED EING TREATED-F	EET - 1325					
	DEMARKS - D		ILLO MINO SIILAN G MINO L	MOFFED A	ii icix c	LLANTING SINA	CC DINC AT CHO	OI KHI					
3 - 2740	9/25/79 N	R - PI FRSON - TA	BELL 47G-3B	CR- O	1 0	COMMERCIAL	.÷	COMMERCIAL, AGE 33, 762					
3-2740	9/25/79 N TIME - 075 DEPARTURE	R.PIERSON,IA 8 POINT	DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 PX- 0	1 0 0 0	COMMERCIAL AERIAL APP		COMMERCIAL, AGE 33, 762 TOTAL HOURS, 135 IN TYPE NOT INSTRUMENT RATED.					
3-2740	9/25/79 N TIME - 075	R•PIERSON•IA 8 POINT A	DAMAGE-SUBSTANTIAL INTENDED DESTINATION			COMMERCIAL AERIAL APP		- NOT INSTRUMENT RATED.					
3–2740	9/25/79 N TIME - 075 DEPARTURE PIERSON,I TYPE OF AC	R•PIERSON•IA 8 POINT A	DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	F	PHASE (
3-2740	9/25/79 N TIME - 075 DEPARTURE PIERSON,I TYPE OF AC COLLIDED PROBABLE C PILOT IN	R.PIERSON.IA B POINT A CIDENT WITH WIRES/POLES AUSE(S) COMMAND - INADEQU	DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	FION AND	PHASE O IN FL	F OPERATION IGHT SWATH NNING	RUN	- NOT INSTRUMENT RATED.					
3-2740	9/25/79 N TIME - 075 DEPARTURE PIERSON,I TYPE OF AC COLLIDED PROBABLE C PILOT IN PILOT IN FACTOR(S)	R.PIERSON.IA 8 POINT A CIDENT WITH WIRES/POLES AUSE(S) COMMAND - INADEQU	DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL ATE PREFLIGHT PREPARATO TO SEE AND AVOID OBJECT	FION AND	PHASE O IN FL	F OPERATION IGHT SWATH NNING	RUN	- NOT INSTRUMENT RATED.					
3-2740	9/25/79 N TIME - 075 DEPARTURE PIERSON, I TYPE OF AC COLLIDED PROBABLE C PILOT IN PILOT IN FACTOR(S) TERRAIN SPECIAL DA TOTAL HO	R.PIERSON,IA 8 POINT A CIDENT WITH WIRES/POLES AUSE(S) COMMAND - INADEQU COMMAND - FAILED - HIGH OBSTRUCTION TA DURS IN CROP CONTRO	DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL ATE PREFLIGHT PREPARATO TO SEE AND AVOID OBJECT	FION AND	PHASE O IN FL YOR PLA SSTRUCT	F OPERATION IGHT SWATH NNING IONS OF OPERATIO	RUN IN - SPRAYING O	NOT INSTRUMENT RATED.					
3-2740	9/25/79 N TIME - 075 DEPARTURE PIERSON,I TYPE OF AC COLLIDED PROBABLE C PILOT IN PILOT IN FACTOR(S) TERRAIN SPECIAL DA KIND OF	R.PIERSON.IA 8 POINT A CIDENT WITH WIRES/POLES AUSE(S) COMMAND - INADEQU COMMAND - FAILED - HIGH OBSTRUCTION TA OURS IN CROP CONTRO	DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL ATE PREFLIGHT PREPARAT TO SEE AND AVOID OBJECT S L - 135 ED-PROPERLY	FION AND/ TS OR OB	PHASE (IN FL OR PLA SSTRUCT KIND TYPE	F OPERATION IGHT SWATH NNING IONS OF OPERATIO	RUN N - SPRAYING C	NOT INSTRUMENT RATED.					
3-2740	9/25/79 N TIME - 075 DEPARTURE PIERSON,I TYPE OF AC COLLIDED PROBABLE C PILOT IN PILOT IN FACTOR(S) TERRAIN SPECIAL DA TOTAL HO KIND OF PILOT'S GOGGLES	R.PIERSON.IA B POINT A CIDENT WITH WIRES/POLES AUSE(S) COMMAND - INADEOL COMMAND - FAILED - HIGH OBSTRUCTION TA DURS IN CROP CONTRO CROP - CORN ERAT BELT - FASTEN - NOT USED	DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL ATE PREFLIGHT PREPARAT TO SEE AND AVOID OBJECT S L - 135 ED-PROPERLY	FION AND/ TS OR OB	PHASE (IN FL /OR PLA /SSTRUCT KIND TYPE GLOVE CRASH	F OPERATION IGHT SWATH NNING IONS OF OPERATIO OF CHEMICAL S - NOT USE HELMET - A	RUN IN - SPRAYING C USED - DRY CH ID VAILABLE USED	NOT INSTRUMENT RATED.					
3-2740	9/25/79 N TIME - 075 DEPARTURE PIERSON,I TYPE OF AC COLLIDED PROBABLE C PILOT IN FACTOR(S) TERRAIN SPECIAL DA TOTAL HO KIND OF PILOT'S GOGGLES COCKPIT	R.PIERSON, IA 8 POINT A CIDENT WITH WIRES/POLES AUSE(S) COMMAND - INADEQU COMMAND - FAILED - HIGH OBSTRUCTION TA DURS IN CROP CONTRO CROP - CORN SEAT BELT - FASTEN - NOT USED CRASHPAD - NOT INS	DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL ATE PREFLIGHT PREPARATO SEE AND AVOID OBJECT S L - 135 ED-PROPERLY TALLED	FION AND/ TS OR OE	PHASE (IN FL YOR PLA 3STRUCT KIND TYPE GLOVE CRASH TERBA	F OPERATION IGHT SWATH NNING IONS OF OPERATIO OF CHEMICAL S — NOT USE HELMET — A BAR — NOT	RUN N - SPRAYING COUSED - DRY CHE VAILABLE USED INSTALLED EVEL - EL AT	ROPS EMICAL-NONTOXIC					

FILE		LOCATION	AIRCRAFT DATA		F	IES S M/N			PILOT DATA
	9/30/79 TIME - 135	LOST NATION,IA O POINT ION,IA	PIPER PA-25	CR-	0	0 0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 38, 1272 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.
	STALL	0102			•		OFF INITIAL		
	FACTOR(S)		D TO OBTAIN/MAINTAIN FL	YING S	PEE	D			
	MISCELLA	NEOUS ACTS, CONDI	TIONS - JETTISONED LOAD						
	KIND OF		ROL - UNKNOWN/NOT REPOR	TED		TYPE		USED - LIQUID	N (DUST) CHEMICAL-TOXIC
	GOGGLES	- NOT USED CRASHPAD - INSTA	14 (4)			CRASH		VAILABLE USED	
	TANK/HOP SWATH RU	PER-LOCATION - FO N-HOW FLOWN - WI	DRWARD OF PILOT			TERR	AIN-TYPE - L R	EVEL, FLAT OLLING	
		•	46						
3-0779	4/28/79 TIME - 065	MAYDAY,KS 3	PIPER PA-25 N7641Z DAMAGE-DESTROYED				COMMERCIAL AERIAL APP		COMMERCIAL, AGE 38, 1083 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE MAYDAY•K	POINT S	INTENDED DESTINATION LOCAL						4 - 4
	TYPE OF AC						OF OPERATION IGHT SWATH		
	FACTOR(S)		D TO SEE AND AVOID OBJE	CTS OR	OB	STRUC	TIONS	•	
			UNG , ,						
	KIND OF PILOT'S	TA URS IN CROP CONTF CROP - GRAIN FIE SEAT BELT - FASTE - NOT USED	LDS			TYPE GLOVE	OF CHEMICAL S - USED	N - SPRAYING C USED - LIQUID VAILABLE USED	ROPS CHEMICAL-NONTOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JURIE S	S M/N	FLIGHT PURPOSE	PILOT DATA		
-0667	5/7/79 TIME - 190 DEPARTURE LINCOLN, TYPE OF AC	MINNEAPOLIS,KS DO POINT KS	CESSNA A188B N21622 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX-	0 0 0 0	1 0 SE 0	COMMERCIAL AERIAL APPLICATION F OPERATION IGHT PROCEDURE TURNA	COMMERCIAL, AGE 38, 4150 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.		
	SYSTEMS	EL - MAINTENANCE,SE - FLIGHT CONTROL S	ERVICING, INSPECTION IN TYSTEMS AILERON AND AILERON END AILERON INST	LERON				SONNEL)		
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO PROCEDUR	URS IN CROP CONTRO CROP — GRAIN FIELD SEAT BELT — NOT FA — NOT USED CRASHPAD — INSTALL PPER—LOCATION — FOR NN—AREA BEING TREAT RE TURNAROUND — SEC	OS ISTENED LED EWARD OF PILOT ED-FEET - 1300		G C C T S	YPE LOVE RASH RASH ERRA WATH	S - NOT USED HELMET - AVAILABLE U BAR - INSTALLED IN-TYPE - ROLLING RUN-HOW FLOWN - CROS	QUID CHEMICAL-NONTOXIC		
- 1141	6/2/79 TIME - 181	YATES CENTER,KS 15	CALLAIR A-9B N7766V DAMAGE-SUBSTANTIAL	PX-	1 0 0 0	0	AERIAL APPLICATION	COMMERCIAL, AGE 51, 2500 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.		
	MORAN,KS	\$	INTENDED DESTINATION YATES CENTER,KS ER CONTROLLED		PHA I	SE O N FL	F OPERATION IGHT SWATH RUN			
	PROBABLE (SED SPEED AND ALTITUDE		•					
	KIND OF GLOVES -			red	KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 1150					

				OF AC							
FILE	DATE	LOCATION	AIRCRAFT DATA	INJ	UR I	ES		FLIGHT		PILOT DATA	
3-1324	6/14/79 NR.A TIME - 1445 DEPARTURE POI ATWOOD,KS TYPE OF ACCID	TWOOD,KS NT ENT URE OR MALFUNC	PIPER PA-25 N6045Z DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX-	0 0 PH	1 0 IASE IN	0 0 0 FL:	COMMERCIAL ASSOC CROP CTE OPERATION IGHT EN ROUTE IG LEVEL OFF/T	. ACTIVITY TO TREAT C	COMMERCIAL, AGE 31, 1089 TOTAL HOURS, 80 IN TYPE, NOT INSTRUMENT RATED.	
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND										
	KIND OF CRO PILOT'S SEA GOGGLES - N COCKPIT CRA	P - GRAIN FIELD T BELT - FASTEM OT USED SHPAD - NOT INS -LOCATION - FOR	DL - UNKNOWN/NOT REPORT DS NED-PROPERLY STALLED RWARD OF PILOT			KIND OF OPERATION - FERRY TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED ELEVATION-AREA BEING TREATED-FEET - 3000					
3 - 1091	6/17/79 MO TIME - 0716	SCOW∙KS -	GRUMMAN G-164A N8842H DAMAGE-DESTROYED	CR- (o 0	0 :	1 0		TION	COMMERCIAL, FL.INSTR., AGE 40, 8800 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.	
	NAME OF AIRPOI DEPARTURE POI MOSCOW, KS TYPE OF ACCID	PHASE OF OPERATION									
	COLLIDED WITH WIRES/POLES IN FLIGHT PULLUP FROM SWATH RUN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS										
	SPECIAL DATA TOTAL HOURS KIND OF CRO PILOT'S SEA GOGGLES - N COCKPIT CRA TANK/HOPPER ELEVATION-AI PROCEDURE T REMARKS- STRU	INE.		TYP GLOV CRAS CRAS	E C VES SH SH RA]	OF OPERATION — OF CHEMICAL USE OF NOT USED HELMET — AVAIL BAR — INSTALLE ONTYPE — LEVEL RUN—HOW FLOWN	ABLE USED D .+FLAT	CHEMICAL-NONTOXIC			

FILE	DATE LOCAT	TION AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
	6/23/79 GREAT BEN TIME - 1000 DEPARTURE POINT	ID•KS PIPER PA-18 N74990 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION OF OPERATION LIGHT PROCEDURE TURNARO	COMMERCIAL, AGE 66, 23700 TOTAL HOURS, 8000 IN TYPE, INSTRUMENT RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND -	- FAILED TO SEE AND AVOID OBJE	CTS OR OBSTRUC	TIONS	
	SPECIAL DATA TOTAL HOURS IN CRO KIND OF CROP - GRA GLOVES - USED CRASH HELMET - NOT CRASH BAR - NOT IN TERRAIN-TYPE - LEV ROL SWATH RUN-HOW FLOW	AIN FIELDS T AVAILABLE USTALLED VEL,FLAT LLING	TYPE Gogg Cock Tank , Elev	OF OPERATION - SPRAYING OF CHEMICAL USED - LIGU LES - NOT USED PIT CRASHPAD - NOT INSTA /HOPPER-LOCATION - BELLY ATION-AREA BEING TREATER EDURE TURNAROUND - THIRE	DID CHEMICAL-NONTOXIC ALLED D-FEET - 2000
3-1740	6/24/79 HOXIE•KS	POCKMETT 23P	CP- 0 0 1	COMMERCIAL	COMMERCIAL, AGE 51, 6050
3 1140	TIME - 1700	N5008X DAMAGE-SUBSTANTIAL	PX- 0 0 0	ASSOC CROP CTL ACTIVIT	TOTAL HOURS, 1050 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - HO DEPARTURE POINT HOXIE+KS TYPE OF ACCIDENT ENGINE FAILURE OR COLLIDED WITH DIT	INTENDED DESTINATION LOCAL MALFUNCTION	IN F	OF OPERATION LIGHT EN ROUTE TO RELOA ING ROLL	ADING AREA
	MISCELLANEOUS ACTS	- MISMANAGEMENT OF FUEL CONDITIONS - FUEL EXHAUSTION COMPLETE ENGINE FAILURE/FLA ICES - FORCED LANDING OFF AIRP	MEOUT-1 ENGINE	,	
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REP KIND OF CROP - UNKNOWN/NOT REPORTED PILOT'S SEAT BELT - NOT FASTENED GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT		TYPE Glov Cras	OF OPERATION - FERRY OF CHEMICAL USED - LIQU ES - NOT USED H HELMET - AVAILABLE USE H BAR - INSTALLED	

			AIRCRAFT DATA		F	S M	/N	PURPOSE	PILOT DATA			
		EFFINGHAM, KS	BOEING A75	CR-	0	0	1	COMMERCIAL	COMMERCIAL, AGE 44, 7800 Y TOTAL HOURS, 1000 IN TYPE, NOT INSTRUMENT RATED.			
	DEPARTURE P DENISON, P TYPE OF ACC ENGINE FA COLLIDED	INTENDED DESTINATION FARMINGTON, KS		PI	ΙN	FL	F OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN					
	MISCELLAN TERRAIN - PARTIAL POW	S SYSTEM LINES, HOSES, FIT TIONS - MATERIAL FAILURE AL LOSS OF POWER - 1 ENG	INE	non	т							
	SPECIAL DAT TOTAL HOU KIND OF (PILOT'S S GOGGLES - COCKPIT C TANK/HOPF	EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OF SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 3500 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT REMARKS- STRK BALE OF HAY DURING PRECAUTIONARY LE					KIND OF OPERATION - FERRY TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED DG IN FLD DUE TO OIL LEAK.FOUND HOLE IN OIL PRES GAUGE LINE					
3-0424	TIME - 1800	OINT •LA	CESSNA A188B N8260G DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL		0	0	0		COMMERCIAL, AGE 41, 3824 Y TOTAL HOURS, 470 IN TYPE, INSTRUMENT RATED.			
	STALL MU PROBABLE CA PILOT IN MISCELLAN	TURE LIFT-OFF MANEUVER TO AVOID COLLIS) ON RUNWAY/TAXIWAY/RAMP				_	FF INITIAL CLIMB					

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
	3/15/79 LAKE ARTHUR, L TIME - 1000		CR- 0 0 1		COMMERCIAL, AGE 38, 2033 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - LAKE A DEPARTURE POINT ABBYVILLE.LA TYPE OF ACCIDENT NOSE OVER/DOWN	ARTHUR INTENDED DESTINATION LAKE ARTHUR,LA			
	PROBABLE CAUSE(S) PILOT IN COMMAND - SEL FACTOR(S) TERRAIN - WET, SOFT GRO	ECTED UNSUITABLE TERRAIN			
	3/24/79 WELSH,LA TIME - 1435	GRUMMAN G-164B N6527K DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 40, 8045 TOTAL HOURS, 46 IN TYPE, NOT INSTRUMENT RATED.
	WELSH∙LA TYPE OF ACCIDENT STALL MUSH	LOCAL		DF OPERATION DFF INITIAL CLIMB	*
	PROBABLE CAUSE(S) PILOT IN COMMAND - PREFACTOR(S) MISCELLANEOUS ACTS+COM				
3-0610	4/16/79 CHURCH POINT TIME - 1120	N494Y DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0		COMMERCIAL, AGE 22, 758 TOTAL HOURS, 105 IN TYPE NOT INSTRUMENT RATED.
	NAME OF AIRPORT - ACADIA DEPARTURE POINT CHURCH POINT, LA TYPE OF ACCIDENT GROUND-WATER LOOP-SWEF NOSE OVER/DOWN	INTENDED DESTINATION LOCAL	LANDI	DF OPERATION NG ROLL ING ROLL	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAI	LED TO MAINTAIN DIRECTIONA	AL CONTROL		

PAGE 140

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUF F	RIES S M/N	FLIGHT PURPOSE		PILOT DATA
3-1329	4/19/79			CR- 0 PX- 0				COMMERCIAL, AGE UNK/NR, 10500 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.
	DEPARTURE PI BASILE, LA TYPE OF ACC ENGINE FA		INTENDED DESTINATION LOCAL TION	F	TAKEC	F OPERATION FF INITIAL CLIM NG FINAL APPROA		
	TERRAIN - PARTIAL POW	T - MISCELLANEOU HIGH OBSTRUCTION ER LOSS - PARTIA	S POWERPLANT FAILURE NS L LOSS OF POWER - 1 EN DRCED LANDING OFF AIRP	IGINE		D REASONS		
	KIND OF CI PILOT'S S CRASH HELI	A RS IN CROP CONTRI ROP - RICE EAT BELT - UNKNO MET - AVAILABLE (YPE - LEVEL,FLAT	WN/NOT REPORTED		TYPE GLOVE	OF OPERATION - 1 OF CHEMICAL USED S - USED HOPPER-LOCATION	DRY CHE	MICAL-NONTOXIC
		**						
3-1126	TIME - 0930		N5334 DAMAGE-DESTROYED				ACTIVITY	COMMERCIAL, AGE 55, 22000 TOTAL HOURS, 4000 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE PO		INTENDED DESTINATION					
	MIDLAND,LA TYPE OF ACC: ENGINE FA NOSE OVER.	IDENT ILURE OR MALFUNC	LOCAL	P	TAKEO	F OPERATION FF INITIAL CLIM NG LEVÈL OFF/TO		
	MISCELLAND FACTOR(S)	T - ENGINE STRUC	TURE CYLINDER ASSEMBL IONS - MATERIAL FAILUR					
	COMPLETE PO	WER LOSS - COMPLI	ETE ENGINE FAILURE/FLA DRCED LANDING OFF AIRP					
	KIND OF CF PILOT'S SI CRASH BAR TERRAIN-T	A RS IN CROP CONTRI ROP - RICE EAT BELT - UNKNOW - INSTALLED YPE - LEVEL FLAT CYL SPLIT ACROSS	NN/NOT REPORTED		TYPE CRASH TANK/	OF OPERATION - F DF CHEMICAL USED HELMET - AVAILA HOPPER-LOCATION TION-AREA BEING	D - DRY CHE ABLE USED - FORWARD	MICAL-NONTOXIC OF PILOT

			AIRCRAFT DATA		F	SM	/N	PURPOSE			PILOT DATA	
		LEBLANC, LA					1 COMMERCIAL O ASSOC CROP CTL ACT					
-	DEPARTURE LEBLANC TYPE OF A	AIRPORT - WALKER BROTHERS E POINT INTENDED DESTINATION C.LA LEBLANC.LA ACCIDENT PHASE OF OPERATION -WATER LOOP-SWERVE LANDING ROLL										
	AIRFRAM	ROBABLE CAUSE(S) AIRFRAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE										
	KIND OF GLOVES CRASH HI TANK/HO ELEVATION	OURS IN CROP CONTF CROP - UNKNOWN/NO - USED ELMET - AVAILABLE PPER-LOCATION - UN			٠	TY GO CR TE	PE (GGL ASH RRA		USEC NSTA VEL:) - DRY CHE ALLED FLAT	MICAL-NONTOXIC	
3-1418	NAME OF A DEPARTURE BASILE, TYPE OF A ENGINE	00 IRPORT - HERMAN YC POINT LA CCIDENT	DAMAGE-SUBSTANTIAL JUNG INTENDED DESTINATION LOCAL	· PX	0	O PHAS TA	0 (E0	ASSOC CROP	CTL	ACTIVITY	COMMERCIAL, AGE 51, 15200 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT RATED.	
	MISCELL TERRAIN FACTOR(S) MISCELL PARTIAL P	ANT - ENGINE STRUC ANEOUS ACTS, CONDIT - HIGH OBSTRUCTIO ANEOUS ACTS, CONDIT OWER LOSS - PARTIA	TURE CYLINDER ASSEMBLY TONS - MATERIAL FAILURE NS TONS - JETTISONED LOAD AL LOSS OF POWER - 1 ENG ED BETWEEN SPARK PLUG H	INE								

PAGE 142

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIE: F S M	I/N	PURPOSE	PILOT DATA
	5/22/79 TIME - 15 NAME OF A DEPARTURE	LAKE ARTHUR,LA 00 IRPORT - ALTON LYON: POINT	GRUMMAN G-164A N6603 DAMAGE-SUBSTANTIAL S INTENDED DESTINATION	CR- 0 0	1	COMMERCIAL	COMMERCIAL, AGE 39, 2284 TOTAL HOURS, 303 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF A		LOCAL		_	F OPERATION NG ROLL	
	FACTOR(S) MISCELLA	EL - MISCELLANEOUS-P ANEOUS ACTS, CONDITIO	PERSONNEL DRIVER OF V	,FOGGY,ETC.		STRICTED VISION	
	AIRPURI	S/AIRWAYS/FACILIIIES	S - AIRPORT CONDITIONS	WEI RUNWA	. Υ		
3-0989	5/22/79 TIME - 150		GRUMMAN G-164A N5262 DAMAGE-DESTROYED	CR- 0 0 PX- 0 0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 30, 1828 TOTAL HOURS, 1628 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE KAPLAN, TYPE OF AC	LA CCIDENT FAILURE OR MALFUNCTI	NTENDED DESTINATION LOCAL	ı. I	FL	F OPERATION IGHT PROCEDURE TURNAROUN NG ROLL	D
	PILOT IN MISCELLA FACTOR(S) TERRAIN COMPLETE F	N COMMAND - INADEQUA N COMMAND - MISMANAG ANEOUS ACTS.CONDITIO - WET.SOFT GROUND POWER LOSS - COMPLET	ATE PREFLIGHT PREPARAT SEMENT OF FUEL ONS - FUEL EXHAUSTION SE ENGINE FAILURE/FLAM RCED LANDING OFF AIRPO	EOUT-1 ENGI		NN I NG	
	KIND OF PILOT'S GOGGLES CRASH BA TERRAIN-	ATA DURS IN CROP CONTROL CROP - RICE SEAT BELT - UNKNOWN - NOT USED AR - INSTALLED -TYPE - LEVEL, FLAT JN-HOW FLOWN - UPWIN	I/NOT REPORTED	TY GL CF TA EL	PE OVE ASH NK/ EVA	OF OPERATION - FERTILIZING OF CHEMICAL USED - DRY CH S - NOT USED HELMET - AVAILABLE-NOT U HOPPER-LOCATION - FORWARD TION-AREA BEING TREATED-F DURE TURNAROUND - THIRD 1	EMICAL-NONTOXIC SED OF PILOT EET - 12

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR	IES			PILOT DATA			
	5/28/79 TIME - 11	HOLMWOOD, LA	BOEING 75	CR- PX-	0	0	1		COMMERCIAL, AGE 32, 3555			
	HOLMWOO	DD.LA CCIDENT	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT PULLUP FROM SWATH RUN								
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED											
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO	HOURS IN CROP CONT CROP - RICE S SEAT BELT - UNKN - NOT USED CRASHPAD - INSTA	OWN/NOT REPORTED LLED ORWARD OF PILOT			TY GL CR CR TE	PE OVE ASH ASH RRA	OF OPERATION - DUSTING COOF CHEMICAL USED - DRY COORS - NOT USED HELMET - AVAILABLE USED BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CROSSWI	HEMICAL-TOXIC			
3-1097	5/29/79 TIME - 11	LAFAYETTE,LA 00	PIPER PA-36 N3712E DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 37, 6400 TOTAL HOURS, 100 IN TYPE, NOT INSTRU-			
	DEPARTURE POINT INTENDED DESTINATION LAFAYETTE, LA LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL MUSH MENT RATED.											
	POWERPL PILOT I PARTIAL P	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND										

PAGE 144

FILE		ON AIRCRAFT DATA	F	:	S M	/N	PURPOSE	PILOT DATA		
	6/1/79 KAPLAN,LA TIME - 1500 DEPARTURE POINT KAPLAN,LA TYPE OF ACCIDENT COLLIDED WITH DIRT	GRUMMAN G-164A N9514 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX-	0	0 0 HAS	1 0	COMMERCIAL AERIAL APPLICATION F OPERATION IGHT PROCEDURE TURNARG	COMMERCIAL, AGE 22, 1150 TOTAL HOURS, 216 IN TYPE, NOT INSTRUMENT RATED.		
	PROBABLE CAUSE(S) PILOT IN COMMAND - F	FAILED TO SEE AND AVOID OBJE	CTS OR	ов	STR	uc T	IONS			
	SPECIAL DATA TOTAL HOURS IN CROP KIND OF CROP — RICE PILOT'S SEAT BELT — CRASH HELMET — AVAIL CRASH BAR — INSTALL TERRAIN—TYPE — LEVEL SWATH RUN—HOW FLOWN	UNKNOWN/NOT REPORTED ABLE USED FLAT			TY GO CO TA EL	PE GGL CKP NK/ EVA	OF OPERATION - FERTILIZ OF CHEMICAL USED - DRY ES - USED IT CRASHPAD - INSTALLED HOPPER-LOCATION - FORWA TION-AREA BEING TREATED DURE TURNAROUND - SECON	CHEMICAL-NONTOXIC) ARD OF PILOT)-FEET - 16		
			÷							
3 - 1096	TIME - 1730	DAMAGE-SUBSTANTIAL	PX-	0	0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 27, 1530 TOTAL HOURS, 535 IN TYPE, NOT INSTRUMENT RATED.		
	NAME OF AIRPORT — BOUD DEPARTURE POINT PINE ISLAND, LA TYPE OF ACCIDENT ENGINE FAILURE OR MA COLLIDED WITH OBJEC	INTENDED DESTINATION LOCAL ALFUNCTION			ΙN	FL	F OPERATION IGHT SWATH RUN NG LEVEL OFF/TOUCHDOWN	N		
	MISCELLANEOUS ACTS,(MISCELLANEOUS ACTS,(COMPLETE POWER LOSS -	MISMANAGEMENT OF FUEL CONDITIONS - INATTENTIVE TO CONDITIONS - FUEL EXHAUSTION COMPLETE ENGINE FAILURE/FLA ES - FORCED LANDING OFF AIRP	MEOUT-1	E	NG I	NE	•			
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1530 KIND OF CROP - RICE PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 45 REMARKS- COLLIDED W/ BUSHES ON LEVEL OFF				KIND OF OPERATION - FERTILIZING (DUST) TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTO GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - CROSSWIND					

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR F	IES S M/N	FLIGHT PURPOSE	PILOT DATA
	6/8/79 TIME - 1	NR•ELTON•LA .400 E POINT	GRUMMAN G-164A	CR- 0 PX- 0	0 1	COMMERCIAL	COMMERCIAL, AGE 26, 1716 ITY TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		ACCIDENT	LUCAL	Р		OF OPERATION OFF INITIAL CLIMB	•
	PROBABLE	CAUSE(S) IN COMMAND - FAILE	D TO OBTAIN/MAINTAIN FLY	YING SPEE	D :		
	KIND O PILOT' GOGGLE COCKPI TERRAI	DATA HOURS IN CROP CONTI F CROP - RICE S SEAT BELT - UNKN S - USED T CRASHPAD - INSTA N-TYPE - LEVEL, FLA	OWN/NOT REPORTED LLED T		TYPE GLOVE .CRASH	OF OPERATION - FERTIL OF CHEMICAL USED - UN S - NOT USED H HELMET - AVAILABLE U BAR - INSTALLED	KNOWN/NOT REPORTED
3-1419	TIME - 1	BASILE, LA	GRUMMAN G-164A	PX- 0	0 1 0 0	COMMERCIAL ASSOC CROP CTL ACTIV	COMMERCIAL, AGE 36, 7000 ITY TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	NAME OF DEPARTUR BASILE TYPE OF	AIRPORT - SMITH FI E POINT ,LA	INTENDED DESTINATION	P		F OPERATION	
	AIRFRA		MAIN GEAR-SHOCK ABSORBI TIONS - MATERIAL FAILURE		STRUTS	,ATTACHMENTS,ETC.	
	KIND O PILOT' GOGGLE COCKPI TANK/H	DATA HOURS IN CROP CONTI F CROP — UNKNOWN/N S SEAT BELT — UNKNO S — NOT USED T CRASHPAD — INSTA IOPPER—LOCATION — F RIGHT FRONT OUTBD	OT REPORTED OWN/NOT REPORTED LLED ORWARD OF PILOT		TYPE GLOVE CRASH	OF OPERATION - FERTIL OF CHEMICAL USED - DR S - NOT USED HELMET - AVAILABLE U BAR - INSTALLED	Y CHEMICAL-NONTOXIC

FILE		LOCATION	AIRCRAFT DATA		_	C M	'NI	FLIGHT PURPOSE	PILOT DATA
		NR.KINDER.LA 20	GRUMMAN G-164A	CR-	0	0	1		COMMERCIAL, AGE 34, 6740 TOTAL HOURS, 5800 IN TYPE, NOT INSTRUMENT
	TYPE OF A	PEPARTURE POINT INTENDED DESTINATION KINDER, LA LOCAL YPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH WIRES/POLES IN FLIGHT SWATH RUN				RATED.			
	PROBABLE PILOT I	CAUSE(S) N COMMAND - FAILED TO	D SEE AND AVOID OBJE	CTS OR	ОВ	STRU	IC T	IONS	
	KIND OF PILOT'S GOGGLES TANK/HO ELEVATI SWATH R	OURS IN CROP CONTROL CROP - RICE SEAT BELT - UNKNOWN	/NOT REPORTED ARD OF PILOT O-FEET - 48	TED		TY F GLO CR A	E (VE SH	OF OPERATION - SPRAYIN OF CHEMICAL USED - LIO S - USED HELMET - AVAILABLE US IN-TYPE - LEVEL,FLAT SWAMPY/WATER	UID CHEMICAL-NONTOXIC
-1421			SNOW S2R N4958X DAMAGE-DESTROYED NTENDED DESTINATION	CR- PX-	0	0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 27, 701 TOTAL HOURS, 97 IN TYPE, INSTRUMENT RATED.
	JONESVIL TYPE OF A STALL		LOCAL .		P			F OPERATION GHT PROCEDURE TURNAR	DUND
		CAUSE(S) N COMMAND - FAILED T	O OBTAIN/MAINTAIN FL	YING S	PEE	D			
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI	OURS IN CROP CONTROL CROP - BEANS SEAT BELT - FASTENED - NOT USED CRASHPAD - NOT INSTA PPER-LOCATION - FORW ON-AREA BEING TREATED RE TURNAROUND - THIR	O-PROPERLY ALLED ARD OF PILOT O-FEET - 25			TYP GLC CRA CRA TER	E VE: SH SH RA	OF OPERATION - DUSTING OF CHEMICAL USED - LIQ S - NOT USED HELMET - AVAILABLE US BAR - INSTALLED IN-TYPE - LEVEL,FLAT RUN-HOW FLOWN - WIND	ED UID CHEMICAL-TOXIC

PAGE 147

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR	IES	DUDDOCE	PILOT DATA
3-1417	7/28/79 TIME - 0800 DEPARTURE P PLAUCHEVI TYPE OF ACC ENGINE FA NOSE OVER	COMMERCIAL, AGE 26, 1306 Y TOTAL HOURS, 16 IN TYPE, NOT INSTRUMENT RATED.					
	TERRAIN - PARTIAL POW EMERGENCY C	T - MISCELLANEOUS HIGH VEGETATION ER LOSS - PARTIAL IRCUMSTANCES - FO SU	POWERPLANT FAILURE F LOSS OF POWER - 1 ENG RCED LANDING OFF AIRPO SPECTED MECHANICAL DIS -OFF FROM WORK SITE.LA	INE IRT ON LA CREPANCY	ND :		
3-1423	7/31/79 NR TIME - 0900	•PLAUCHEVILLE,LA	BELL 47G-2A N166 DAMAGE-DESTROYED				COMMERCIAL, FL.INSTR., Y AGE 33, 3580 TOTAL HOURS, 1864 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE P PLAUCHEVIL TYPE OF ACC COLLIDED ROLL OVER	LE•LA IDENT WITH CROP	LA LOCAL NT PHASE OF OPERATION		NG ROLL-ON/RUN-ON	HENT KATED.	
	FACTOR(S) TERRAIN -	COMMAND - FAILED HIGH VEGETATION	TO MAINTAIN ADEQUATE R ONS - POORLY PLANNED A		. М .		
	SPECIAL DAT TOTAL HOU KIND OF C PILOT'S S GOGGLES - COCKPIT C TANK/HOPP	RS IN CROP CONTRO ROP - BEANS EAT BELT - UNKNOW NOT USED RASHPAD - NOT INS ER-LOCATION - SID	N/NOT REPORTED . FALLED ES	RAY BOOM	TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU S - NOT USED HELMET - AVAILABLE-NOT BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT T IN BEANS, AIRCRAFT INV	ID CHEMICAL-NONTOXIC USED

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JURIES F S M	/N	FLIGHT PURPOSE	PILOT DATA	
3-1420	TIME - 154 DEPARTURE WATERPRO TYPE OF AC	POINT	ROCKWELL S-2R N4251X DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR-	1 0 0 0	0 0		COMMERCIAL, AGE 35, TOTAL HOURS, 1827 IN TYPE, INSTRUMENT RATE	15000 ∃D.
	PROBABLE C	AUSE(S) N COMMAND - MISJU	DGED CLEARANCE						
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO		ENED-PROPERLY NSTALLED ORWARD OF PILOT ATED-FEET - 25		TYI GLO CR CR TEI	PE DVE: ASH ASH RRA	OF OPERATION - SPRAYIOF CHEMICAL USED - LI S - USED HELMET - AVAILABLE U BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - UNKN	IQUID CHEMICAL-NONTOXIC	
3-1424		JR.TALLULAH,LA	BOEING A75N1 N444ON DAMAGE-SUBSTANTIAL					COMMERCIAL, AGE 36, 2 VITY TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.	2587
	· DEPARTURE TALLULAH, TYPE-OF-AC	LA	INTENDED DESTINATION				F OPERATION FF RUN	KATED.	
	PILOT IN FACTOR(S) AIRPORTS	COMMAND - INADE COMMAND - FAILE AIRWAYS/FACILIT	- QUATE PREFLIGHT PREPARAT D TO ABORT TAKEOFF IES - AIRPORT CONDITIONS IES - AIRPORT CONDITIONS	S WET	RUNWA	<i>(</i>	NNING		
	KIND OF PILOT'S GOGGLES COCKPIT		NSTALLED	ED	TYF GL(CR/ CR/	PE (DVE: ASH ASH	OF OPERATION - SPRAYI DF CHEMICAL USED - LIC S - NOT USED HELMET - AVAILABLE USED BAR - NOT INSTALLED (N-TYPE - LEVEL, FLAT	QUID CHEMICAL-NONTOXIC	

PAGE 149

FILE	DATE	LOCATION	AIRCRAFT DATA	IN. F	JUR I S	ES M/	'N	FLIGHT PURPOSE	PILOT DATA
3-2192-	8/30/ 7 9 / TIME - 10	NR.MONTEREY.LA 45							COMMERCIAL, AGE 34, 10000 TOTAL HOURS, 480 IN TYPE NOT INSTRUMENT RATED.
	TYPE OF A	CCIDENT FAILURE OR MALFUNCT				ΙN	FLI	OPERATION GHT SWATH RUN IG LEVEL OFF/TOUCHDO	WN
	MISCELL FACTOR(S) TERRAIN COMPLETE	ANT - ENGINE STRUCT ANEOUS ACTS, CONDIT - WET, SOFT GROUND POWER LOSS - COMPLE	TURE BLOWER, IMPELLER A IONS - MATERIAL FAILURE ETE ENGINE FAILURE/FLAM DRCED LANDING OFF AIRPO	E 4EOUT-1	L EN		ΙE		
	COCKPIT TANK/HO ELEVATION REMARKS-	DURS IN CROP CONTRO CROP — BEANS SEAT BELT — FASTEN — NOT USED CRASHPAD — INSTALL PPER-LOCATION — FOR DN-AREA BEING TREAT BLOWER BEARING FAIR				TYF GLO CRA CRA TEF SWA	PE C OVES ASH ASH RRAI		OUID CHEMICAL-TOXIC SED SWIND
3-2194	DEPARTURE	POINT	INTENDED DESTINATION						COMMERCIAL, AGE 29, 2343 TOTAL HOURS, 911 IN TYPE NOT INSTRUMENT RATED.
	TYPE OF AN ENGINE NOSE OV	ASTLE∙LA CCIDENT FAILURE OR MALFUNC1 ER/DOWN	LOCAL		РН	ASE IN LAP	FLI NDIN	OPERATION GHT PULLUP FROM SWA G ROLL	TH RUN
	TERRAIN COMPLETE	ANT - MISCELLANEOUS - WET.SOFT GROUND POWER LOSS - COMPLE	POWERPLANT FAILURE F ETE ENGINE FAILURE/FLAN DRCED LANDING OFF AIRPO	1E0UT-1	L EN	GIN		REASONS	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATIO	DURS IN CROP CONTRO CROP - BEANS SEAT BELT - UNKNOW	NN/NOT REPORTED LED RWARD OF PILOT JED-FEET - 56			TYR GLO CRA CRA	PE C DVES ASH ASH RRA1	F OPERATION - SPRAYIOF CHEMICAL USED - LI - NOT USED HELMET - AVAILABLE UBAR - INSTALLED N-TYPE - LEVEL,FLAT RUN-HOW FLOWN - WIND	OUID CHEMICAL-TOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR F	IES S M/N	FLIGHT PURPOSE	PILOT DATA
	9/12/79 TIME - 17	CADE,LA 30 POINT RTA,LA	BOEING A75N1 N53165 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 PX- 0	0 1 0 0	COMMERCIAL	COMMERCIAL, AGE 23, 1110 TOTAL HOURS, 165 IN TYPE, NOT INSTRUMENT RATED.
	ENGINE GEAR CO	FAILURE OR MALFUNC LLAPSED	TION			IGHT PULLUP FROM SW NG LEVEL OFF/TOUCHDO	
	MISCELL. FACTOR(S)	ANT - ENGINE STRUC ANEOUS ACTS, CONDIT	TURE CYLINDER ASSEMBLY ONS - MATERIAL FAILURE				
•	PARTIAL P	OWER LOSS - PARTIA	ONS - OVERLOAD FAILURE LOSS OF POWER - 1 ENG DRCED LANDING OFF AIRPO	INE	ND		
	KIND OF PILOT'S CRASH HI CRASH B TERRAIN- SWATH R	OURS IN CROP CONTRI CROP - BEANS SEAT BELT - FASTEI ELMET - AVAILABLE U AR - NOT INSTALLED -TYPE - LEVEL,FLAT UN-HOW FLOWN - WINI	NED-PROPERLY USED		TYPE GOGGL COCKP TANK/ ELEVA	OF OPERATION - SPRAY DF CHEMICAL USED - L ES - USED IT CRASHPAD - NOT IN: HOPPER-LOCATION - FO TION-AREA BEING TREADURE TURNAROUND - SE	IOUID CHEMICAL-TOXIC STALLED RWARD OF PILOT TED-FEET - 20
3 - 2193		SHREVEPORT,LA 10	BOEING PT-17 N63804 DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1 0 0	COMMERCIAL ASSOC CROP CTL ACTI	COMMERCIAL, AGE 56, 20000 VITY TOTAL HOURS, 8000 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF A	IRPORT - NAYLOR POINT ORT,LA CCIDENT	INTENDED DESTINATION LOCAL	Р		F OPERATION NG ROLL	KATED.
-		E - LANDING GEAR	MAIN GEAR-SHOCK ABSORBI ONS - FATIGUE FRACTURE		STRUTS	,ATTACHMENTS,ETC.	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOR ELEVATIO	OURS IN CROP CONTRO CROP - COTTON SEAT BELT - UNKNOW	NN/NOT REPORTED STALLED WARD OF PILOT FED-FEET - 203		TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - SPRAY DF CHEMICAL USED - L S - USED HELMET - AVAILABLE (BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CRO	IQUID CHEMICAL-TOXIC

FILE		LOCATION	AIRCRAFT DATA	INJUF F	RIES S M/N	FLIGHT PURPOSE		PILOT DATA		
3-2516	9/24/79 TIME - 071 NAME OF AI	VACHERIE, LA .O RPORT - CAJUN FLYI	CESSNA 188B N9448G DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1 0 0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 61, 16500 TOTAL HOURS, 1900 IN TYPE, NOT INSTRUMENT RATED.		
	ENGINE F	.+LA CCIDENT AILURE OR MALFUNCT WITH TREES	INTENDED DESTINATION LOCAL ION		TAKE	DF OPERATION DFF INITIAL ING ROLL				
	MISCELLA FACTOR(S)	NT - MISCELLANEOUS	POWERPLANT FAILURE F ONS - INTENTIONAL GROU							
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 3000 KIND OF CROP - BEANS FILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT REMARKS- PLT STATED-ENG SEEMED TO LOSE PWR AFTER TKOF.NO RSN FOR LOSS OF PWR FOUND.									
3-2513	9/28/79 N TIME - 074	R.BATON ROUGE,LA 5	PIPER PA-25 N4485Y DAMAGE-SUBSTANTIAL		0 1 0 0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 34, 5666 TOTAL HOURS, 452 IN TYPE, NOT INSTRU- MENT RATED.		
	DEPARTURE	POINT	INTENDED DESTINATION					MENT RATED.		
	TYPE OF AC	JGE•LA CIDENT VATER LOOP-SWERVE	LOCAL	. F	LAND	OF OPERATION ING ROLL ING ROLL		• •		
	FACTOR(S) TERRAIN	COMMAND - SELECTEHIGH VEGETATION	D UNSUITABLE TERRAIN DNS - OVERLOAD FAILURE	Ē						
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP	URS IN CROP CONTRO CROP - BEANS SEAT BELT - UNKNOW - NOT USED CRASHPAD - INSTALL PER-LOCATION - FOR	N/NOT REPORTED		TYPE GLOV CRASI CRASI TERR	OF CHEMICAL ES - NOT USE H HELMET - A H BAR - INST AIN-TYPE - L	D VAILABLE USED	N (LIQUID) . CHEMICAL-TOXIC		

FILE	DATE	LOCATION	AIRCRAFT DATA	I			S M/N	FLIGHT PURPOSE		PILOT DATA	
3-2948	11/27/79 TIME - 124	779 VINTON,LA AERO-COMDR S2R CR- 0 0 1 COMMERCIAL - 1245 N4857X PX- 0 0 0 ASSOC CROP CTL ACTIVITY DAMAGE-SUBSTANTIAL						COMMERCIAL, AGE 33, 10000 TOTAL HOURS, 3810 IN TYPE, NOT INSTRUMENT RATED.			
	DEPARTURE VINTON, TYPE OF AG GROUND-	LA	INTENDED DESTINATION LOCAL		F	Τ.	AKEC	F OPERATION OFF RUN FF RUN			
	FACTOR(S) AIRPORT	N COMMAND - FAILED S/AIRWAYS/FACILITI	TO MAINTAIN DIRECTION. ES - AIRPORT CONDITION. ES - AIRPORT CONDITION.	s so	FT	RUNI		ION			
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - PASTURE PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED CRASH BAR - INSTALLED TERRAIN-TYPE - LEVEL, FLAT KIND OF OPERATION - FERTILIZING (LIQUID) TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT										
3-3210	9/5/79 TIME - 130		PIPER PA-25 N6505Z DAMAGE-DESTROYED					COMMERCIAL AERIAL APPL		COMMERCIAL, FL.INSTR., AGE 33, 1038 TOTAL HOURS, 15 IN TYPE, INSTRUMENT RATED.	
	DEPARTURE MONTAGUE TYPE OF AU STALL	, MA	INTENDED DESTINATION LOCAL		f			F OPERATION IGHT PULLUF	P FROM SWATH		
	PROBABLE (PILOT IN FIRE AFTER	N COMMAND - FAILED	TO OBTAIN/MAINTAIN FLY	/ING	SPE	ĒD		,			

PAGE 153

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR F	IES S M/I) F	FLIGHT PURPOSE		PILOT DATA	
3-1772	8/16/79 N TIME - 120	R.HART,MI	BELL 47G-2 N4734S DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 PX- 0	0 0	L COMM D AER	MERCIAL IAL APPLICATION		COMMERCIAL, AGE 47, 5688 TOTAL HOURS, 649 IN TYPE NOT INSTRUMENT RATED.	
	TYPE OF AC	CIDENT WITH WIRES/POLE	S				ERATION PROCEDURE TURNA	AROUND		
	FACTOR(S)		TO SEE AND AVOID OBJEC	CTS OR OB	STRU	CTIONS				
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO PROCEDUR	URS IN CROP CONTR CROP - OTHER SEAT BELT - FASTE - NOT USED CRASHPAD - NOT IN PER-LOCATION - SI N-AREA BEING TREA E TURNAROUND - TH	NED-PROPERLY ISTALLED IDES ITED-FEET - 910		GLUVES - NOT USED CRASH HELMET - AVAILABLE-NOT USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - CROSSWIND					
3-2298	TIME - 090	STANTON,MI O	N6737 DAMAGE-SUBSTANTIAL	PX- 0					COMMERCIAL, FL.INSTR., AGE 32, 4165 TOTAL HOURS 1581 IN TYPE, INSTRUMENT RATED.	
	STANTON, TYPE OF AC	MI CIDENT R/ROTOR FAILURE	INTENDED DESTINATION LOCAL MAIN ROTOR	N PHASE OF OPERATION IN FLIGHT EN ROUTE TO TREAT CROP LANDING LEVEL OFF/TOUCHDOWN						
	PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MAIN ROTOR BRAKE ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - LOOSE, PART/FITTING MISCELLANEOUS ACTS, CONDITIONS - MISSING MISCELLANEOUS ACTS, CONDITIONS - VIBRATION, EXCESSIVE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SUSPECTED OR KNOWN AIRCRAFT DAMAGE AIRFRAME BUFFET									
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - POTATOES PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED TANK/HOPPER-LOCATION - AFT OF PILOT ELEVATION-AREA BEING TREATED-FEET - 600 REMARKS- 7 OF 8 NUTS & WASHERS MISSING FROM COUPLING BETWEEN BRAKE DRUM,P/N 314-35-3116,& DRIVE SHAFT.									

FILE	DATE	LOCATION	AIRCRAFT DATA	I١	JUR F	S M	/N	FLI PUF	IGHT RPOSE	PILOT DATA
3-1656	5/19/79 TIME - 063	GAYLORD.MN 30	PIPER PA-25	CR-	1	0	0	COMMER	RCIAL	COMMERCIAL, AGE 24, 522 TOTAL HOURS, 37 IN TYPE, NOT INSTRUMENT RATED.
	GAYLORD, TYPE OF AC	• MN	LOCAL		Р			OPERA IGHT F	ATION PULLUP FROM SWAT	H RUN
	FACTOR(S)	CAUSE(S) I COMMAND - MISJUDGE - HIGH OBSTRUCTIONS							·	
	SPECIAL DA TOTAL HO KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO FIRE AFTER			CR / CR / CR /	PE (DVE ASH ASH RRA]	DF CHEM S - USE HELMET BAR - [N-TYPE		UID CHEMICAL-TOXIC		
3-1115	TIME - 070 DEPARTURE APPLETON TYPE OF AC	I+ MN	PIPER PA-25 N6337Z DAMAGE-SUBSTANTIAL NTENDED DESTINATION WATSON,MN	CR- PX-	P	HASI	E 01	- OPERA		NOT INSTRUMENT RATED.
	PROBABLE C		ANCE	-				,		
	SPECIAL DA TOTAL HO KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO			TYI GLO CR CR TE	PE (DVES ASH ASH RRA:	OF CHEMS - NOT HELMET BAR - IN-TYPE		UID CHEMICAL-TOXIC T USED		

FILE			AIRCRAFT DATA						PILOT DATA			
3 - 1353	5/26/79 SABIN, MI TIME - 0600 DEPARTURE POINT	26/79 SABIN•MN PIPER PA-36 CR- 0 0 1 COMMERCIAL ME - 0600 N3958E PX- 0 0 O ASSOC CROP CTL ACTIVIT DAMAGE-SUBSTANTIAL PARTURE POINT INTENDED DESTINATION SABIN•MN LOCAL										
	TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES TAKEOFF INITIAL CLIMB											
	PILOT IN COMMAND PILOT IN COMMAND FACTOR(S)	- INITIATED - FAILED TO	E PREFLIGHT PREPARAT FLIGHT IN ADVERSE & ABORT TAKEOFF S - DISREGARD OF GOO	IEATHER	COI	ID I T	TI ONS					
	WEATHER BRIEFING -	NO RECORD C	F BRIEFING RECEIVED									
	SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 1/2 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF FLIGHT PLAN CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE NONE TYPE OF WEATHER CONDITIONS IFR											
	KIND OF CROP - GI PILOT'S SEAT BEL GOGGLES - NOT USI COCKPIT CRASHPAD TANK/HOPPER-LOCA SWATH RUN-HOW FLI	RAIN FIELDS T - UNKNOWN/ ED - INSTALLED TION - FORWA OWN - UNKNOW	RD OF PILOT			TYPE GLOV CRAS CRAS	E OF CHEMIC VES - NOT U SH HELMET - SH BAR - IN	JSED - AVAILABLE USE	JID CHEMICAL-TOXIC			
									•			
3-3841	5/31/79 GULLY,MI TIME - 1115	N	CESSNA 188 N9709G DAMAGE-SUBSTANTIAL	CR- PX-	0) (COMMERCI C ASSOC CF	TAL ROP CTL ACTIVIT	COMMERCIAL, AGE 39, 1358 TY TOTAL HOURS, 422 IN TYPE NOT INSTRUMENT RATED.			
	DEPARTURE POINT GULLY,MN		TENDED DESTINATION									
	GULLY,MN LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF RUN COLLIDED WITH TREES TAKEOFF RUN											
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING FACTOR(S) AIRFRAME - FUSELAGE SEATS MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY SECURED REMARKS- DRG TKOF FM BLACK TOP ROAD, PLT'S SEAT SLID BACK & PLT WAS UN TO REACH RUDDER PEDALS.											

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	UR I E S	S M/N	V	FLIGHT PURPOSE		PILOT DATA
3-1352	TIME - 1	F POINT	N26LM DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- PX-	0 () (1 CO O AE	OMMERCIAL FRIAL APPLICAT	ION	PRIVATE, AGE 46, 226 TOTAL HOURS, 90 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF	N,MN ACCIDENT ED WITH WIRES/POLES	5		PH A	SE N F	OF C	PERATION T PULLUP FRO		
		CAUSE(S) IN COMMAND - MISJUD	GED CLEARANCE							
	KIND O PILOT! GOGGLE COCKPI TANK/H SWATH F	DATA HOURS IN CROP CONTRO F CROP - GRAIN FIELD S SEAT BELT - FASTEN S - NOT USED T CRASHPAD - INSTALO OPPER-LOCATION - BENUN-HOW FLOWN - CROS COLLIDED W/WIRES.	OS NED-PROPERLY LED LLY		1 G C	YPE LOV RAS	E OF /ES - SH HE SH BA	OPERATION - S CHEMICAL USED NOT USED LMET - AVAILA R - INSTALLED IN-AREA BEING	- LIQUIO	O CHEMICAL-NONTOXIC
-1467	NAME OF	100 AIRPORT - RUNKE AIRS	PIPER PA-25 N7634 DAMAGE-SUBSTANTIAL STRIP INTENDED DESTINATION	P X -	0 (0	0	1 CO	MMERCIAL SOC CROP CTL	ACTIVITY	COMMERCIAL, AGE 45, 13008 TOTAL HOURS, 733 IN TYPE, NOT INSTRUMENT RATED.
	ENGINE	FAILURE OR MALFUNCT	INTENDED DESTINATION LOCAL TION ER CONTROLLED		PH A I L	SE N F AND	OF O ELIGH DING	PERATION T EN ROUTE T LEVEL OFF/TO		NG AREA
	PILOT : PILOT MISCELI FACTOR(S MISCELI COMPLETE	IN COMMAND - MISMAN, LANEOUS ACTS,CONDIT!) LANEOUS ACTS,CONDIT! POWER LOSS - COMPLI	JATE PREFLIGHT PREPARAT AGEMENT OF FUEL IONS — FUEL EXHAUSTION IONS — PILOT FATIGUE ETE ENGINE FAILURE/FLAN DRCED LANDING OFF AIRPO	1EOUT-1	ENG	INE		NG `		
	KIND OF PILOT': GOGGLES COCKPI TANK/HO ELEVAT	HOURS IN CROP CONTRO F CROP - CORN S SEAT BELT - UNKNOON T OR SEAT USED T CRASHPAD - INSTALO DPPER-LOCATION - FOR ION-AREA BEING TREA	NN/NOT REPORTED LED WARD OF PILOT		T G C	YPE LOV RAS RAS	OF VES - SH HE SH BA	OPERATION - S CHEMICAL USED NOT USED LMET - AVAILA R - INSTALLED TYPE - LEVEL,	- LIQUID	CROPS CHEMICAL-NONTOXIC

FILE	ŀ	LOCATION	AIRCRAFT DATA	INJ F	URIE S 1	S 4/N	FLIGHT PURPOSE	PILOT DATA
3-1657	6/28/79 TIME - 1	NR.DONALDSON.MN 926		CR- PX-	0 1 0 0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 31, 2970 TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.
	STEPHE TYPE OF	E POINT N∙MN ACCIDENT ED WITH WIRES/POLES	INTENDED DESTINATION: LOCAL				F OPERATION IGHT SWATH RUN	
		CAUSE(S) IN COMMAND - MISJUDG	ED CLEARANCE				•	
	KIND OI PILOT' GOGGLE: COCKPI TANK/HO ELEVAT		ED WARD OF PILOT ED-FEET - 820	4	TY G CF CI TI	PE LOVE RASH RASH ERRA	OF OPERATION - SPRAY: OF CHEMICAL USED - LI S - USED HELMET - AVAILABLE U BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CROS	QUID CHEMICAL-TOXIC
								• •
3-2721	TIME - 2 NAME OF	AIRPORT - TRAILER HE E POINT	DAMAGE-SUBSTANTIAL					COMMERCIAL, AGE 23, 438 VITY TOTAL HOURS, 429 IN TYPE, NOT INSTRUMENT RATED.
		ACCIDENT	R UNCONTROLLED		PHA:	SE O AKEO	F OPERATION FF VERTICAL	
	PILOT MISCEL FACTOR(S	LANEOUS ACTS,CONDITI)	ATE PREFLIGHT PREPARAT ONS - IMPROPERLY LOADE ONS - GROUND RESONANCE	D AIRC				•
	KIND OPILOT' GOGGLE COCKPI TANK/H ELEVAT		TALLED OF PILOT ED-FEET - 1100	ED	T GI CI	YPE LOVE RASH RASH	OF OPERATION - SPRAY) OF CHEMICAL USED - L S - NOT USED HELMET - AVAILABLE-I BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT	IOUID CHEMICAL-TOXIC

FILE		TION AIRCRAFT DATA	F	S M/N	PURPOSE	PILOT DATA
3-1654	7/17/79 ROSEAU,M TIME - 1430 DEPARTURE POINT	N PIPER PA-25 N9750P DAMAGE-SUBSTANTI	CR- 0 PX- 0	0 1	COMMERCIAL	COMMERCIAL, AGE 33, 1500 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED.
	ROSEAU, MN TYPE OF ACCIDENT COLLIDED WITH CR	LOCAL			F OPERATION IGHT SWATH RUN	
	PROBABLE CAUSE(S) PILOT IN COMMAND	- MISJUDGED ALTITUDE AND CLE	ARANCE			
	KIND OF CROP - GR/ PILOT'S SEAT BELT GOGGLES - NOT USEG COCKPIT CRASHPAD TANK/HOPPER-LOCATI	AIN FIELDS - UNKNOWN/NOT REPORTED D		TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU S - USED HELMET - AVAILABLE USE BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CROSSW	D CHEMICAL-TOXIC
3-2738	7/24/79 BELVIEW.	MN CESSNA 188T N2070J DAMAGE-SUBSTANTI	- PX − 0	0 1 0 0	COMMERCIAL ASSOC CROP CTL ACTIVIT	COMMERCIAL, AGE 31, 1677 Y TOTAL HOURS, 104 IN TYPE, NOT INSTRUMENT RATED.
	BELVIEW.MN TYPE OF ACCIDENT	INTENDED DESTINATION	•	IN FL	F OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN	
	FACTOR(S) TERRAIN - HIGH OBS COMPLETE POWER LOSS	ELLANEOUS POWERPLANT FAILUR STRUCTIONS - COMPLETE ENGINE FAILURE/F NCES - FORCED LANDING OFF AI	LAMEOUT-1 (ENGINE	D REASONS	
	KIND OF CROP - BEA PILOT'S SEAT BELT GOGGLES - NOT USEC COCKPIT CRASHPAD - TANK/HOPPER-LOCATI SWATH RUN-HOW FLOW	- FASTENED-PROPERLY) - INSTALLED	TYPE GLOVE CRASH CRASH TERRA PROCE	OF OPERATION - FERTILIZ DF CHEMICAL USED - LIQU S - NOT USED HELMET - AVAILABLE USE BAR - INSTALLED IN-TYPE - ROLLING DURE TURNAROUND - ENTRY D INCH CUT IN PILOT'S H	TO PROCEDURE TURN	

FILE	DATE LOCATION	AIRCRAFT DATA	INJUR F	IES S M/N		PILOT DATA
	7/29/79 WARROAD, MN TIME - 0700	PIPER PA-25 N7298Z DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 32, 4684 TOTAL HOURS, 513 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - WARROAD MUN DEPARTURE POINT I WARROAD, MN TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTI COLLISION WITH GROUND/WATER	NTENDED DESTINATION LOCAL	P	HASE (IN FL LAND]	F OPERATION IGHT SWATH RUN NG LEVEL OFF/TOUCHDOWN	
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS FACTOR(S) TERRAIN - HIGH VEGETATION COMPLETE POWER LOSS - COMPLET EMERGENCY CIRCUMSTANCES - FOR	E ENGINE FAILÜRE/FLAI	MEOUT-1 E	NGINE	D REASONS	
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - UNKNOWN GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLE TANK/HOPPER-LOCATION - FORW ELEVATION-AREA BEING TREATE	/NOT REPORTED D ARD OF PILOT		TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU'S S - NOT USED HELMET - AVAILABLE USED BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - WIND C	ID CHEMICAL-TOXIC
-3842	8/2/79 RED LAKE FALLS,MN TIME - 1330 DEPARTURE POINT I RED LAKE FALLS,MN		CR- 0 PX- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 30, 2126 TOTAL HOURS, 400 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTI NOSE OVER/DOWN		Р	IN FL	F OPERATION IGHT PROCEDURE TURNARO NG ROLL	UND
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS FACTOR(S) TERRAIN - HIGH VEGETATION COMPLETE POWER LOSS - COMPLET EMERGENCY CIRCUMSTANCES - FOR	E ENGINE FAILURE/FLAM	MEOUT-1 E	NGINE	D REASONS	
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - UNKNOWN GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLE TANK/HOPPER-LOCATION - FORW ELEVATION-AREA BEING TREATE PROCEDURE TURNAROUND - ENTE REMARKS- NOSED OVE DRG FORCED	/NOT REPORTED D ARD OF PILOT D-FEET - 1100 Y TO PROCEDURE TURN	TED	TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU S - NOT USED HELMET - AVAILABLE USEI BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - UNKNOWN	ID CHEMICAL-TOXIC

				OF A					
FILE	DATE	LOCATION	AIRCRAFT DATA	+	F	S M/	N	PURPOSE	PILOT DATA
3-3218		AUSTIN, MN	BOEING A75 N62559 DAMAGE-DESTROYED	CR- PX-	0 0	1 0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 35, 2148 TOTAL HOURS, 1077 IN TYPE, NOT INSTRU-
	DEPARTURE AUSTIN, TYPE OF A COLLIDE	INTENDED DESTINATION LOCAL ES		P			F OPERATION IGHT PULLUP FROM SWATH R		
	PROBABLE PILOT I	DGED CLEARANCE							
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI	ROL - 1070 ENED-PROPERLY NSTALLED DRWARD OF PILOT ATED-FEET - 1235 NTRY TO PROCEDURE TURN NES.			TYP GLO CRA CRA TER	E I VE SH SH RA	OF OPERATION - SPRAYING COF CHEMICAL USED - LIQUIDS - NOT USED HELMET - AVAILABLE USEDBAR - NOT INSTALLEDIN-TYPE - LEVEL, FLATRUN-HOW FLOWN - CROSSWIN	CHEMICAL-NONTOXIC	
3-2724	8/25/79 TIME - 06	WALKER, MN 50	PIPER PA-25 N9732P DAMAGE-SUBSTANTIAL					COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, AGE 33, 1976 TOTAL HOURS, 1020 IN TYPE, INSTRUMENT RATED.
	DEPARTURE	IRPORT - WALKER MU POINT	UNICIPAL INTENDED DESTINATION						
	TYPE OF A ENGINE	MN	LOCAL		P	TAK	EOF	F OPERATION FF INITIAL CLIMB FF INITIAL CLIMB	
	FACTOR(S)	ANT - MISCELLANEO	JS POWERPLANT FAILURE F	OR UNI	DE T	ERMI	NEI	D REASONS	
	PARTIAL P	OWER LOSS - PARTI	AL LOSS OF POWER - 1 ENG FORCED LANDING OFF AIRPO		LA	ND .			
	KIND OF PILOT'S GOGGLES COCKPIT	FASTENED			TYP GLO CRA	E (VE SH	OF OPERATION - SPRAYING F DF CHEMICAL USED - LIQUID S - NOT USED HELMET - AVAILABLE USED BAR - INSTALLED		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUI F	RIES S M	/N	FLIGHT PURPOSE	PILOT DATA
3-0768	4/18/79 TIME - 17	NR.LUCEDALE, MS	GRUMMAN G164A N4573 DAMAGE-DESTROYED	CR- 0 PX- 0	1 0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL INSTR., AGE 46, 12000 TOTAL HOURS, 800 IN TYPE, INSTRUMENT RATED.
	LUCEDALE TYPE OF A ENGINE	POINT •MS CCIDENT FAILURE OR MALFUN D WITH TREES	INTENDED DESTINATION LOCAL CTION		ΙN	FL	F OPERATION IGHT STARTING SWATH RU IGHT STARTING SWATH RU	JN
	MISCELL FACTOR(S) TERRAIN PARTIAL P	ANT - ENGINE STRU ANEOUS ACTS, CONDI - HIGH OBSTRUCTION OWER LOSS - PARTI	CTURE BLOWER, IMPELLER A TIONS - EXCESSIVE-WEAR/F ONS AL LOSS OF POWER - 1 ENC FORCED LANDING OFF AIRPO	PLAY GINE				
	KIND OF GLOVES CRASH HI CRASH B TERRAIN SWATH R FIRE AFTEI	OURS IN CROP CONT CROP - GRAIN FIE - NOT USED ELMET - AVAILABLE AR - INSTALLED - TYPE - ROLLING UN-HOW FLOWN - UN R IMPACT	LDS	EXCESSIV	TY GO CO TA EL	GGL CKP NK/ EVA	OF OPERATION — SPRAYING DF CHEMICAL USED — LIQU ES — NOT USED IT CRASHPAD — INSTALLED HOPPER-LOCATION — FORWA TION-AREA BEING TREATED	ID CHEMICAL-NONTOXIC
3-1031	NAME OF A DEPARTURE DREW,MS TYPE OF A	IRPORT - RULEVILL- POINT	-DREW INTENDED DESTINATION LOCAL	I	PHAS	E O	COMMERCIAL AERIAL APPLICATION F OPERATION IGHT SWATH RUN	COMMERCIAL, AGE 27, 1648 TOTAL HOURS, 117 IN TYPE, NOT INSTRUMENT RATED.
	PROBABLE (D TO SEE AND AVOID OBJEC	CTS OR O	BSTR	JĊT	IONS	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO	OURS IN CROP CONT CROP - COTTON	OWN/NOT REPORTED NSTALLED IDES		TY GL CR CR TE	PE DVE ASH ASH RRA	DF OPERATION - SPRAYING OF CHEMICAL USED - LIOU S - NOT USED HELMET - AVAILABLE USE BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - WIND C	DID CHEMICAL-NONTOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	URIE S 1	5 1/N	FLIGHT PURPOSE	PILOT DATA
	6/8/79	PARCHMAN, MS 00 POINT	BELL 47D N4227A DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX-	0 0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 30, 3305 TOTAL HOURS, 700 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF AC	•	AIL ROTOR		I١	FL	DF OPERATION .IGHT EN ROUTE TO TREA [*] .IGHT EN ROUTE TO TREA [*]	T CROP T CROP
	ROTORCRA	L - MAINTENANCE, SE FT - ROTOR ASSEMBL	RVICING, INSPECTION IN IES TAIL ROTOR BLADE ONS - FATIGUE FRACTURE	S	TE MA	INI	TENANCE AND INSPECTION	
	KIND OF GLOVES - CRASH HE CRASH BA	TA URS IN CROP CONTRO CROP - RICE · NOT USED LMET - AVAILABLE U R - NOT INSTALLED TYPE - LEVEL,FLAT			T\ G(C(PE OGGI CKP	OF OPERATION - SPRAYIN OF CHEMICAL USED - LIQU LES - NOT USED PIT CRASHPAD - NOT INSTA CHOPPER-LOCATION - SIDE:	JID CHEMICAL-TOXIC
	•			*				
3-1251	TIME - 173 DEPARTURE DOVER RO	POINT AD•MS	CESSNA 188 N731VY DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	PX-	0 0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 41, 1040 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF AC STALL	CIDENT					OF OPERATION IGHT PROCEDURE TURNARO	DUND
	FACTOR(S) WEATHER	COMMAND - FAILED - UNFAVORABLE WINE		YING SP	EED			
		IEFING - UNKNOWN/N	OT REPORTED				,	*** #**
	5 OR OVE	AT ACCIDENT SITE R(UNLIMITED)			UI PREC NC	IL IN IPI INE	AT ACCIDENT SITE MITED TATION AT ACCIDENT SITE	=
	NONE TYPE OF FL NONE	NS TO VISION AT AC	CIDENT SITE		TYPE		WEATHER CONDITIONS	
	SPECIAL DA TOTAL HO KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO SWATH RU REMARKS- W	V.	TY GL CF CR	PE OVE ASH ASH RRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU S - NOT USED H HELMET - AVAILABLE USI BAR - INSTALLED AIN-TYPE - LEVEL+FLAT ROLLING EDURE TURNAROUND - THIRE	JID CHEMICAL-NONTOXIC		

FILE	DATE LOCAT	TION AIRCRAFT DATA	INJU F	RIES S M	5 1/N	FLIGHT PURPOSE		PILOT DATA
	7/7/79 NR.LYMAN, MS TIME - 0715	CESSNA A188B	CR- 1	0	0	COMMERCIAL		
	TYPE OF ACCIDENT STALL SPIN					OF OPERATION IGHT NORMAL	CRUISE	
	PROBABLE CAUSE(S) MISCELLANEOUS - UN FIRE AFTER IMPACT	NDETERMINED						
	REMARKS- FERRY FLT.	•						
3-1270	TIME - 1900	TOMCAT MK-5A N9099T DAMAGE-SUBSTANTIAL	PX- 0	0	0	COMMERCIAL ASSOC CROP C	TL ACTIVITY	COMMERCIAL, AGE 55, 23600 TOTAL HOURS, 1385 IN TYPE, NOT INSTRUMENT RATED.
		JSTER STRIP INTENDED DESTINATION LOCAL						
	TYPE OF ACCIDENT ROLL OVER		•			F OPERATION OFF VERTICAL		
	PROBABLE CAUSE(S) PILOT IN COMMAND -	· INADEQUATE PREFLIGHT PREPARAT	FION AND	OR/	PLA	NNING		
	GOGGLES - NOT USED COCKPIT CRASHPAD - TANK/HOPPER-LOCATI	E UNKNOWN/NOT REPORTED		TY GL CR CR TE	PE OVE ASH RASH	ES - NOT USED HELMET - AVA BAR - NOT IN IN-TYPE - LEV	JSED - LIQUID	ROPS CHEMICAL-TOXIC

FILE	DATE LOCATION	AIRCRAFT DATA		FLIGHT PURPOSE	PILOT DATA
3-1463	7/13/79 NR.BATESVILLE,! TIME - 1330	MS GRUMMAN G-164A N8881H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIV	COMMERCIAL, AGE 39, 4000 ITY TOTAL HOURS, 2110 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - PANOLA DEPARTURE POINT BATESVILLE.MS TYPE OF ACCIDENT ENGINE FAILURE OR MALE COLLIDED WITH TREES	INTENDED DESTINATION LOCAL	TAKEO	F OPERATION FF INITIAL CLIMB IGHT EN ROUTE TO TREA	
	PROBABLE CAUSE(S) POWERPLANT - ENGINE ST MISCELLANEOUS ACTS, COT COMPLETE - POWER LOSS - CO	TRUCTURE CYLINDER ASSEMBL NDITIONS - MATERIAL FAILUR OMPLETE ENGINE FAILURE/FLAI - FORCED LANDING OFF AIRP	E MEDUT-1 ENGINE		
	SPECIAL DATA TOTAL HOURS IN CROP CO KIND OF CROP - BEANS PILOT'S SEAT BELT - UN GOGGLES - NOT USED COCKPIT CRASHPAD - INS TANK/HOPPER-LOCATION - REMARKS- #7 CYL FAILED.	NKNOWN/NOT REPORTED	TYPE GLOVE CRASH CRASH	OF OPERATION - SPRAYIN OF CHEMICAL USED - LIG S - NOT USED HELMET - AVAILABLE US BAR - INSTALLED IN-TYPE - ROLLING	QUID CHEMICAL-TOXIC
3-2081	7/26/79 NR.MINTER CITY, TIME - 0930	N5258 DAMAGE-DESTROYED		COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 40, 7170 TOTAL HOURS, 4110 IN TYPE, NOT INSTRUMENT
	DEPARTURE POINT MINTER CITY, MS TYPE OF ACCIDENT COLLIDED WITH WIRES/F	INTENDED DESTINATION LOCAL POLES		F OPERATION IGHT SWATH RUN	RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - MIS FACTOR(S) PILOT IN COMMAND - DIV PILOT IN COMMAND - PHY	PERTED ATTENTION FROM OPERA	ATION OF AIRCRA	FT	
	KIND OF CROP - COTTON PILOT'S SEAT BELT - FA GOGGLES - NOT USED COCKPIT CRASHPAD - NOT TANK/HOPPER-LOCATION -	INSTALLED	TYPE GLOVE CRASH CRASH	DF OPERATION - SPRAYIN OF CHEMICAL USED - DRY S - USED HELMET - AVAILABLE-NO BAR - NOT INSTALLED D WATER & BLUR VISION.	CHEMICAL-TOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	UR I I	S M/N	FLIGHT PURPOSE	PILOT DATA
3-2083	TIME - 06	NR.TUTWILER.MS 00 POINT	PIPER PA-36 N56664 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR- PX-	0 (0 1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 30, 3305 TOTAL HOURS, 700 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF A	CCIDENT FAILURE OR MALFUNC D WITH CROP	•		1	NF	OF OPERATION LIGHT STARTING SWATH R ING LEVEL OFF/TOUCHDOW	
	MISCELL PARTIAL PO EMERGENCY	ANT — ENGINE STRUC ANEOUS ACTS,CONDIT DWER LOSS — PARTIA	TURE VALVE ASSEMBLIES IONS - MATERIAL FAILUR L LOSS OF POWER - 1 EN ORCED LANDING OFF AIRP	E GINE	LANI)		
	KIND OF PILOT'S	OURS IN CROP CONTR	OL - UNKNOWN/NOT REPOR NED-PROPERLY	TED .		YPE LOV	OF OPERATION - FERTILI OF CHEMICAL USED - LIQ ES - USED H HELMET - AVAILABLE US	UID CHEMICAL-NONTOXIC
	COCKPIT TANK/HO ELEVATION	CRASHPAD - INSTAL PPER-LOCATION - FO ON-AREA BEING TREA NUMBER 4 CYL EXHAL	RWARD OF PILOT TED-FEET - 150	*	(RAS	H BAR - INSTALLED AIN-TYPE - LEVEL,FLAT	
		1						
3-2084	8/13/79 TIME - 114	NR.MADISON.MS	GRUMMAN G-164A N8673H DAMAGE-DESTROYED	CR- PX-	0 (0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 57, 22000 TOTAL HOURS, 7000 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE MADISON,	POINT MS	INTENDED DESTINATION LOCAL					**************************************
	TYPE OF ACTION O	ER/ROTOR FAILURE	PROPELLER .		1	N , F	OF OPERATION LIGHT SWATH RUN ING ROLL	
	MISCELL	ANT - PROPELLER AN	D ACCESSORIES GOVERNO IONS - MATERIAL FAILUR COCKPIT					
	MISCELL EMERGENCY	ANEOUS ACTS, CONDIT CIRCUMSTANCES - F S S	IONS - WINDSHIELD, DIRT IONS - OVERLOAD FAILUR ORCED LANDING OFF AIRP USPECTED MECHANICAL DI MOKE IN COCKPIT	E ORT ON	LAN		ESTRICTED VISION	
	SPECIAL DO TOTAL HOW KIND OF PILOT'S GOGGLES COCKPIT TANK/HOLELEVATION		LED RWARD OF PILOT ATED-FEET - 350	TED	(YPE LOV RAS RAS TERR	OF OPERATION - SPRAYIN OF CHEMICAL USED - LIQ ES - NOT USED H HELMET - AVAILABLE-NO H BAR - INSTALLED AIN-TYPE - LEVEL, FLAT H RUN-HOW FLOWN - UNKNO	UID CHEMICAL-TOXIC T USED

FILE			AIRCRAFT DATA		FLIGHT PURPOSE	PILOT DATA
3 - 2392	8/20/79 NR.W TIME - 1230	ATER VALLEY, MS	CESSNA 188 N1586M DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVIT	COMMERCIAL, AGE 30, 1500 Y TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED.
*.	DEPARTURE POI WATER VALLEY TYPE OF ACCID	• MS	INTENDED DESTINATION LOCAL	PHASE O	F OPERATION	
	STALL MUSH		•		F INITIAL CLIMB	
	PILOT IN CO FACTOR(S)	MMAND - INADEQU	ATE PREFLIGHT PREPARA TO OBTAIN/MAINTAIN FLY		NNING	
	SKY CONDITION			CEILING	AT ACCIDENT SITE	
	CLEAR	ACCIDENT CITE		UNLIM		
	5 OR OVER(U	ACCIDENT SITE		NONE	TATION AT ACCIDENT SITE	•
		TO VISION AT ACC	CIDENT SITE		WEATHER CONDITIONS	
	TYPE OF FLIGH	T PLAN				
	KIND OF CRO PILOT'S SEA GOGGLES - N COCKPIT CRA TANK/HOPPER	P - BEANS T BELT - FASTENE OT USED SHPAD - INSTALLE -LOCATION - FOR	ED WARD OF PILOT	TYPE GLOVE: CRASH CRASH ELEVA	OF OPERATION - SPRAYING OF CHEMICAL USED - DRY S - NOT USED HELMET - AVAILABLE USE BAR - INSTALLED TION-AREA BEING TREATED DEP END.DA APRX 2300FT.	CHEMICAL-NONTOXIC
3-2085	8/24/79 NR.S TIME - 0700	HELBY•MS	CESSNA A188B N84284 DAMAGE-SUBSTANTIAL	PX- 0 0 0		COMMERCIAL, AGE 28, 3170 Y TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.
		RT - HARDIN AG S NT	STRIP INTENDED DESTINATION			•
	SHELBY, MS		LOCAL		_	•
	TYPE OF ACCID				F OPERATION NG LEVEL OFF/TOUCHDOWN	
	AIRFRAME	MMAND — INADEQUALANDING GEAR WH	ATE PREFLIGHT PREPARA HEELS,TIRES,AXLES DNS - PRESSURE TOO LOV		NNING	
	FACTOR(S)	US ACTS CONDITIO	ONS - OVERLOAD FAILURI	_		•

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
	8/27/79 NR.SUNFLOWER,M TIME - 0830	S GRUMMAN G-164A N48437 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 26, 5275 TOTAL HOURS, 2575 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT SUNFLOWER,MS	INTENDED DESTINATION LOCAL			KATED.
	TYPE OF ACCIDENT ENGINE FAILURE OR MAL NOSE OVER/DOWN		IN FL	F OPERATION IGHT STARTING SWATH R NG ROLL	UN
	POWERPLANT - ENGINE S MISCELLANEOUS ACTS, CO MISCELLANEOUS - FOREI COMPLETE POWER LOSS - C EMERGENCY CIRCUMSTANCES	CE,SERVICING,INSPECTION INTRUCTURE VALVE ASSEMBLIES NDITIONS — IMPROPER ALIGNM GN MATERIAL AFFECTING NORM. OMPLETE ENGINE FAILURE/FLA. — FORCED LANDING OFF AIRPO	ENT/ADJUSTMENT AL OPERATIONS MEOUT-1 ENGINE	ANCE (MAINTENANCE PERS	ONNEL)
	SPECIAL DATA TOTAL HOURS IN CROP C KIND OF CROP - COTTON PILOT'S SEAT BELT - U GOGGLES - NOT USED COCKPIT CRASHPAD - IN TANK/HOPPER-LOCATION ELEVATION-AREA BEING	ONTROL - 1600 NKNOWN/NOT REPORTED STALLED - FORWARD OF PILOT TREATED-FEET - 126 ER ARM CLEARANCES ALL EXCER	TYPE GLOVE CRASH CRASH TERRA SWATH	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQUES - NOT USED HELMET - AVAILABLE USED BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CROSSIVAL STATES .010.CYLS CO	JID CHEMICAL-TOXIC ED WIND
3 - 2393	8/28/79 NR.NITTA YUMA. TIME - 1630 DEPARTURE POINT	N731VL DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 40, 4800 TOTAL HOURS, 800 IN TYPE, NOT INSTRUMENT RATED.
	NITTA YUMA,MS TYPE OF ACCIDENT COLLIDED WITH WIRES/			F OPERATION IGHT SWATH RUN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FA	ILED TO SEE AND.AVOID OBJE	CTS OR OBSTRUCT	IONS	
	SPECIAL DATA TOTAL HOURS IN CROP C KIND OF CROP - COTTON PILOT'S SEAT BELT - U GOGGLES - NOT USED COCKPIT CRASHPAD - IN TANK/HOPPER-LOCATION ELEVATION—AREA BEING	NKNOWN/NOT REPORTED STALLED - FORWARD OF PILOT	TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQ S - NOT USED I HELMET - AVAILABLE US BAR - INSTALLED IN-TYPE - LEVEL,FLAT I RUN-HOW FLOWN - CROSSI	UID CHEMICAL-TOXIC

FILE			F S M/N	PURPOSE	PILOT DATA
	8/29/79 NR.SLEDGE,MS TIME - 1000		CR- 0 0 1 PX- 0 0 0	COMMERCIAL	
	DEPARTURE POINT SLEDGE,MS TYPE OF ACCIDENT AIRFRAME FAILURE IN COLLIDED WITH CROP	LOCAL	TAKEC	F OPERATION OFF INITIAL CLIMB NG LEVEL OFF/TOUCHDOWN	
	MISCELLANEOUS ACTS,0 MISCELLANEOUS ACTS,0 EMERGENCY CIRCUMSTANCE	T SYSTEM MUFFLERS CONDITIONS - LOOSE, PART/FITT CONDITIONS - MATERIAL FAILUR ES - FORCED LANDING OFF AIRPO SMOKE IN COCKPIT EE FROM MUFFLER, BURNED PAINT	E DRT ON LAND		
3-1969	9/4/79 GLEN ALLAN. TIME - 0715	MS CESSNA A188B N731EK DAMAGE-SUBSTANTIAL		COMMERCIAL ASSOC CROP CTL ACTIVIT	COMMERCIAL, AGE 31, 488 Y TOTAL HOURS, 2285 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - GLEN DEPARTURE POINT GLEN ALLAN, MS TYPE OF ACCIDENT STALL MUSH	INTENDED DESTINATION		OF OPERATION FF INITIAL CLIMB	
		FAILED TO OBTAIN/MAINTAIN FL	YING SPEED		
	SPECIAL DATA TOTAL HOURS IN CROP TYPE OF CHEMICAL USE GLOVES — NOT USED CRASH HELMET — AVAIL CRASH BAR — INSTALLE	D - LIQUID CHEMICAL-NONTOXIO ABLE-NOT USED	C PILOT GOGGL COCKP	OF OPERATION - FERRY 'S SEAT BELT - UNKNOWN/ ES - NOT USED 'IT CRASHPAD - INSTALLED HOPPER-LOCATION - FORWA	

			F	: !	S M/	N	FLIGHT PURPOSE	PILOT DATA
9/4/79 NR. TIME - 1505 DEPARTURE PO	CANTON•MS DINT	EMAIR MA-1 N97063 DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- PX-	0	0	1	COMMERCIAL	COMMERCIAL, AGE 47, 20200
TYPE OF ACCI	DENT LURE OR MALFUNC	TION			ΙN	FLI	IGHT RETURN TO STRIP	N
POWERPLANT MISCELLANE MISCELLANE	- FUEL SYSTEM OUS - FOREIGN M	ATERIAL AFFECTING NORMA		RAT:	IONS	i		
MISCELLANE PARTIAL POWE	R LOSS - PARTIA	L LOSS OF POWER - 1 ENC DRCED LANDING OFF AIRPO	SINE			ER		
TOTAL HOUR KIND OF CR PILOT'S SE	S IN CROP CONTR OP - COTTON AT BELT - FASTE	OL - UNKNOWN/NOT REPORT	ΓED		TYP GLC	E C	DF CHEMICAL USED - LIQ S - NOT USED	UID CHEMICAL-TOXIC
COCKPIT CF	ASHPAD - NOT IN R-LOCATION - FOR	RWARD OF PILOT	s ROTOF		CRA	SH		
9/4/79 NR. TIME - 1130		N8595S	PX-	0	0	1	COMMERCIAL ASSOC CROP CTL ACTIVI	COMMERCIAL, AGE 47, 12130 TY TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE PO	DINT	INTENDED DESTINATION		-			5. 0050477011	
GROUND-WAT	ER LOOP-SWERVE			М	LAN	DIN	NG ROLL	
	9/4/79 NR. TIME - 1505 DEPARTURE POCANTON.MS TYPE OF ACCI ENGINE FAI COLLISION PROBABLE CAL POWERPLANT MISCELLANE MISCELLANE FACTOR(S) MISCELLANE FACTOR(S	9/4/79 NR.CANTON, MS TIME - 1505 DEPARTURE POINT CANTON, MS TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCT COLLISION WITH GROUND/WATE PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM MISCELLANEOUS - FOREIGN M. MISCELLANEOUS ACTS, CONDITE FACTOR(S) MISCELLANEOUS ACTS, CONDITE PARTIAL POWER LOSS - PARTIAL EMERGENCY CIRCUMSTANCES - FOREIGN M. SPECIAL DATA TOTAL HOURS IN CROP CONTRI KIND OF CROP - COTTON PILOT'S SEAT BELT - FASTE GOGGLES - NOT USED COCKPIT CRASHPAD - NOT IN TANK/HOPPER-LOCATION - FOREMARKS- BLACK GUM-LIKE SUB 9/4/79 NR.GRENADA, MS. TIME - 1130 NAME OF AIRPORT - WARREN JOH DEPARTURE POINT	9/4/79 NR.CANTON, MS EMAIR MA-1 TIME - 1505 DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION CANTON, MS LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM PUMPS MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORM, MISCELLANEOUS ACTS, CONDITIONS - CORRODED/CORROST FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENC EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPO SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORT KIND OF CROP - COTTON PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT REMARKS- BLACK GUM-LIKE SUBSTANCE FOUND IN VANES OF POWER - 1 ENCENTRY 9/4/79 NR.GRENADA, MS AIR TRACTOR AT-301 N8595S DAMAGE-SUBSTANTIAL NAME OF AIRPORT - WARREN JOHNSON DEPARTURE POINT INTENDED DESTINATION BRUCE, MS TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE	9/4/79 NR.CANTON, MS EMAIR MA-1 CR- TIME - 1505 N97063 PX- DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION CANTON, MS LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM PUMPS MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPER MISCELLANEOUS ACTS, CONDITIONS - CORRODED/CORROSION FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - COTTON PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT REMARKS- BLACK GUM-LIKE SUBSTANCE FOUND IN VANES & ROTOR 9/4/79 NR.GRENADA, MS. AIR TRACTOR AT-301 CR- PX- DAMAGE-SUBSTANTIAL NAME OF AIRPORT - WARREN JOHNSON DEPARTURE POINT INTENDED DESTINATION BRUGE, MS TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE	9/4/79 NR.CANTON, MS EMAIR MA-1 CR- O PX- O DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM PUMPS MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERAT MISCELLANEOUS ACTS, CONDITIONS - CORRODED/CORROSION FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WA SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - COTTON PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT REMARKS- BLACK GUM-LIKE SUBSTANCE FOUND IN VANES & ROTOR B 9/4/79 NR.GRENADA, MS. AIR TRACTOR AT-301 CR- ON8595S PX- ODAMAGE-SUBSTANTIAL NAME OF AIRPORT - WARREN JOHNSON DEPARTURE POINT INTENDED DESTINATION BRUCE, MS LOCAL TYPE OF ACCIDENT PARRENS LOCAL	9/4/79 NR.CANTON,MS EMAIR MA-1 CR- 0 0 TIME - 1505 N97063 PX- 0 0 DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION CANTON,MS LOCAL TYPE OF ACCIDENT PHASE ENGINE FAILURE OR MALFUNCTION IN COLLISION WITH GROUND/WATER CONTROLLED LAN PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM PUMPS MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - COTTON PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT REMARKS - BLACK GUM-LIKE SUBSTANCE FOUND IN VANES & ROTOR BODY. 9/4/79 NR.GRENADA,MS. AIR TRACTOR AT-301 CR- 0 0 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - WARREN JOHNSON DEPARTURE POINT INTENDED DESTINATION DEPARTURE POINT INTENDED DESTINATION PHASE GROUND-WATER LOOP-SWERVE LAN	9/4/79 NR.CANTON,MS EMAIR MA-1 CR- 0 0 1 TIME - 1505 N97063 PX- 0 0 0 DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION CANTON,MS LOCAL TYPE OF ACCIDENT PHASE OI COLLISION WITH GROUND/WATER CONTROLLED IN FLI COLLISION WITH GROUND/WATER CONTROLLED LANDIN PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM PUMPS MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS MISCELLANEOUS ACTS,CONDITIONS - CORRODED/CORROSION FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - AIRCRAFT CAME TO REST IN WATER PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - COTTON PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT REMARKS - BLACK GUM-LIKE SUBSTANCE FOUND IN VANES & ROTOR BODY. 9/4/79 NR.GRENADA,MS. AIR TRACTOR AT-301 CR- 0 0 1 TIME - 1130 N8595S PX- 0 0 0 DAMAGE-SUBSTANTIAL NAME OF AIRPORT - WARREN JOHNSON DEPARTURE POINT INTENDED DESTINATION DEPARTURE POINT INTENDED DESTINATION DEPARTURE POINT INTENDED DESTINATION DEPARTURE POINT INTENDED DESTINATION TYPE OF ACCIDENT PHASE O LANDIN	TIME - 1505 N97063 DAMAGE—SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION LOCAL PHASE OF OPERATION IN FLIGHT RETURN TO STRIP COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM PUMPS MISCELLANEOUS ACTS, CONDITIONS - CORRODDED/CORROSION MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - COTTON PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT REMARKS- BLACK GUM-LIKE SUBSTANCE FOUND IN VANES & ROTOR BODY. AIR TRACTOR AT-301 CR- 0 0 1 COMMERCIAL PX- 0 0 0 ASSOC CROP CTL ACTIVI DAMAGE—SUBSTANTIAL NAME OF AIRPORT - WARREN JOHNSON DAMAGE—SUBSTANTIAL NAME OF AIRPORT - WARREN JOHNSON DEPARTURE POINT INTENDED DESTINATION LOCAL PHASE OF OPERATION LOCAL PHASE OF OPERATION LOCAL PHASE OF OPERATION LANDING ROLL

FILE		LOCATION	AIRCRAFT DATA	F		S M	'N	PURPOSE	PILOT DATA
		NR.CRAWFORD.MS	CESSA A188B N731BO DAMAGE-DESTROYED	CR- PX-	0	0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 25, 1258 TOTAL HOURS, 417 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE).MS CCIDENT	RSON PVT INTENDED DESTINATION SANDER CARSON PVT		Ρ			F OPERATION IGHT PULLUP FROM SWATH	RUN
	PROBABLE PIĽOT I		TO OBTAIN/MAINTAIN FLY	YING SP	EE	D			
· •	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI	HOURS IN CROP CONTR CROP - BEANS SEAT BELT - UNKNO USED CRASHPAD - INSTAL PPER-LOCATION - FO ON-AREA BEING TREA	WN/NOT REPORTED LED RWARD OF PILOT			TYF GLO CR A CR A	PE I DVE ASH ASH ARA	OF OPERATION — SPRAYING OF CHEMICAL USED — LIQUII S — NOT USED HELMET — AVAILABLE USED BAR — INSTALLED IN—TYPE — ROLLING RUN—HOW FLOWN — CROSSWI	O CHEMICAL-TOXIC
3-2087	9/8/79 TIME - 08	NR.BELZONI.MS 45	ROCKWELL S2R N5044X DAMAGE-SUBSTANTIAL					COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 39, 6660 TOTAL HOURS, 4500 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE BELZONI,	POINT MS	INTENDED DESTINATION BELZONI, MS						KATED.
	TYPE OF A STALL	= .						F OPERATION IGHT PROCEDURE TURNAROU	ND
	FACTOR(S)	CAUSE(S) N COMMAND - FAILED	TO OBTAIN/MAINTAIN FLY				CT	IVES ETC	
	SPECIAL D	_	TO TOLLOW AFFRONCE FRO	ICLUUKE	3,11	DIKL		1 4 2 3 4 2 1 0 •	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO	OURS IN CROP CONTR CROP - RICE SEAT BELT - FASTE - NOT USED CRASHPAD - INSTAL PPER-LOCATION - FO	NED-PROPERLY			TYP GLO CR A CR A	E (OVE SH	OF OPERATION - SPRAYING DF CHEMICAL USED - LIQUI(S - NOT USED HELMET - AVAILABLE USED BAR - INSTALLED IN-TYPE - LEVEL, FLAT	O CHEMICAL-TOXIC
	ELEVATI	ON-AREA BEING TREA	TED-FEET - 110 D STALL W FULL FLAPS DU					IN-TYPE - LEVEL,FLAT RUN-HOW FLOWN - UNKNOWN AROUND.	/NOT REPORTED

FILE	DATE	LOCATION			JUR F	IES S M	/N	FLIGHT PURPOSE	PILOT DATA			
3 - 3843	SWIFTOWN, TYPE OF ACC)	CESSNA A188A N18DS DAMAGE-DESTROYED INTENDED DESTINATION SIDON,MS	CR- PX-	0	O O HASI	1 0	COMMERCIAL AERIAL APPLICATION F OPERATION IGHT PULLUP FROM SW	COMMERCIAL, AGE 31, 1570 TOTAL HOURS, 320 IN TYPE, NOT INSTRUMENT RATED.			
	FACTOR(S) WEATHER -			Ē								
	SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN NONE			P W	UNI RECI NOI IND 36	IM PI NE DII OF	AT ACCIDENT SITE ITED TATION AT ACCIDENT S RECTION-DEGREES WEATHER CONDITIONS	SITE				
	TOTAL HOUNKIND OF COUNTY OF COCKPIT COCCPIT CO	-AREA BEING TREA	OL - 865 WN/NOT REPORTED LED DRWARD OF PILOT			TYI GLO CR CR • TEI	PE DVE: ASH ASH RRA	DF OPERATION - SPRAY DF CHEMICAL USED - L S - NOT USED HELMET - AVAILABLE BAR - INSTALLED IN-TYPE - LEVEL,FLAT RUN-HOW FLOWN - UPW	LIQUID CHEMICAL-NONTOXIC USED			

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JUR =	IES S M	/N	FLIGHT PURPOSE	PILOT DATA
3-3844	9/12/79 TIME - 14 DEPARTURE DUCK HIL	NR.DUCK HILL,MS 00 POINT L,MS	PIPER PA-25 N7446Z DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX-	0	0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 39, 5110 TOTAL HOURS, 1785 IN TYPE, INSTRUMENT RATED.
		CCIDENT FAILURE OR MALFUNCT D WITH TREES				ΙN	FL	F OPERATION IGHT PROCEDURE TURNARO NG FINAL APPROACH	DUND
	РІ ГОТI	N COMMAND - INADEQU N COMMAND - MISMANA ANEOUS ACTS, CONDITI	JATE PREFLIGHT PREPARAT GEMENT OF FUEL ONS - FUEL EXHAUSTION	ION AN	1D/(OR I	PLA	NNING	
	MISCELL TERRAIN COMPLETE	ANEOUS ACTS, CONDITE - HIGH OBSTRUCTION POWER LOSS - COMPLE	ONS - INATTENTIVE TO F S TTE ENGINE FAILURE/FLAM RCED LANDING OFF AIRPO	EOUT-1	L E	NGII	۱E		
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 3000 KIND OF CROP - COTTON PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 200 PROCEDURE TURNAROUND - FIRST 1/3 TURN					TYF GLO CR A CR A	PE DVE ASH ASH ARA	OF OPERATION — SPRAYING OF CHEMICAL USED — LIQU S — USED HELMET — AVAILABLE USE BAR — NOT INSTALLED IN-TYPE — LEVEL, FLAT RUN-HOW FLOWN — DOWNWI	ID CHEMICAL-TOXIC
3 - 2391	10/2/79 TIME - 17	BELZONI,MS 30	BELLANCA 7GCAA N86632 DAMAGE-SUBSTANTIAL					ASSOC FIRE CTL ACTIVIT	COMMERCIAL, AGE 38, 1240 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE ISOLA•M TYPE OF A							, F OPERATION IGHT SURVEY FIELD/AREA	
	PILOT I	ANEOUS — EVASIVE MA N COMMAND — MISJUDG	NEUVER TO AVOID COLLIS ED CLEARANCE Y UNDER FLOCK OF DUCKS						

	DATE LOCATION	AIRCRAFT DATA							PILOT DATA
3-0217	2/27/79 DEERFIELD,MO TIME - 0830	CALLAIR A9-B N671W DAMAGE-SUBSTANTIAL	CR- ())	0 .	1 C	OMMERCIAL SSOC CROP	CTL ACTIVITY	AIRLINE TRANSPORT, AGE 38, 8800 TOTAL HOURS, 13 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT FORT SCOTT+KS TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH DITCHES	•			LAN	DING	OPERATION LEVEL OF ROLL	FF/TOUCHDOWN	KATEU.
\		DGED DISTANCE AND SPEED							
	4/29/79 NR.CAMDENTON.MO TIME - 1810	N6944Z DAMAGE-SUBSTANTIAL	PX- ().)	1 0	0 0	OMMERCIAL ASSOC CROP	CTL ACTIVITY	AGE 36, 4899 TOTAL HOURS, 25 IN TYPE, NOT INSTRU-
	NAME OF AIRPORT - CAMDENTON DEPARTURE POINT	INTENDED DESTINATION LOCAL	MENT RATED. PHASE OF OPERATION IN FLIGHT FLAREOUT FOR SWATH RUN						
,	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJU	DGED ALTITUDE							
	SPECIAL DATA TOTAL HOURS IN CROP CONTE KIND OF CROP - OTHER GLOVES - NOT USED CRASH HELMET - AVAILABLE	ROL - 85 - -NOT USED T			PIL GOGO COC TANI ELE	OT'S GLES KPI K/HO VATI	S SEAT BEL S — NOT US CRASHPAD DPPER-LOCA ON-AREA B	N - PRACTICE T - FASTENED-F ED - INSTALLED TION - FORWARD EING TREATED-F OUND - THIRD I	OF PILOT FEET - 1060

FILE	DATE L	OCATION	AIRCRAFT DATA	IN.	JURI	S	FLIGHT	PILOT DATA
	6/5/79 NORBO TIME - 0830 DEPARTURE POINT NORBORNE, MO TYPE OF ACCIDENT COLLIDED WITH	RNE•MO	GRUMMAN G-164B N6942K DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR-	0 1 0 0	. 0) 0	COMMERCIAL AERIAL APPLICATION OF OPERATION IGHT SWATH RUN	COMMERCIAL, AGE 42, 4150
	PROBABLE CAUSE(S PILOT IN COMMA		TO SEE AND AVOID OBJE	CTS OR	OBS.	RUCT	IONS	
		BEANS ELT - FASTE USED AD - INSTAL CATION - FO BEING TREA	NED-PROPERLY LED RWARD OF PILOT TED-FEET - 700		- 0 0	YPE LOVE RASH RASH ERRA	OF OPERATION - SPRAY OF CHEMICAL USED - L S - NOT USED HELMET - AVAILABLE BAR - INSTALLED IN-TYPE - ROLLING RUN-HOW FLOWN - WING	IQUID CHEMICAL-TOXIC
	e se esta a la competitua e la						Section 1	
3-1613	6/9/79 NR.BELL TIME - 0730	CITY.MO	GRUMMAN G-164A N7499 DAMAGE-DESTROYED				COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 27, 2550 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT BELL CITY,MO TYPE OF ACCIDENT STALL		INTENDED DESTINATION LOCAL				F OPERATION IGHT PROCEDURE TURN.	
	PROBÀBLE CAUSE(S PILOT IN COMMA	•	TO OBTAIN/MAINTAIN FL	ING SP	EED			
	ELEVATION-AREA	-GRAIN FIELD ELT - FASTE USED AD - INSTAL CATION - FOO BEING TREA AROUND - TH	DS NED-PROPERLY	<i>y</i>	(((((YPE LOVE RASH RASH ERRA	OF OPERATION - SPRAY OF CHEMICAL USED - LI S - NOT USED HELMET - AVAILABLE L BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CRO	IQUID CHEMICAL-TOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JURIES	;	FLIGHT	PILOT DATA					
	7/10/79 TIME - 090	CLARENCE,MO O	GRUMMAN G-164A N676U DAMAGE-DESTROYED	CR-	0 0	1	COMMERCIAL						
		• MO	LD INTENDED DESTINATION LOCAL		ΡΗΔ	:F N	F OPERATION						
	ENGINE F	AILURE OR MALFUN WITH TREES	CTION		TA	KEO	FF INITIAL CLIMB FF INITIAL CLIMB						
	MISCELLA MISCELLAI FACTOR(S) WEATHER PARTIAL PO WEATHER BR WEATHER FO	COMMAND - IMPRO NEOUS ACTS, CONDI NEOUS ACTS, CONDI - CONDITIONS CON WER LOSS - PARTI IEFING - NO RECOI RECAST - UNKNOWN	PER OPERATION OF POWERP TIONS - ANTI-ICING/DEIC TIONS - ICE-CARBURETOR DUCIVE TO CARB./INDUCTI AL LOSS OF POWER - 1 EN RD OF BRIEFING RECEIVED I/NOT REPORTED FORCED LANDING OFF AIRP	ING EQU ON SYS GINE	LÈW IC	ΙΤ − Ι		R:FAILED TO USE					
	SKY CONDIT	I ON					AT ACCIDENT SITE						
	CLEAR VISIBILITY	AT ACCIDENT SIT	E	UNLIMITED PRECIPITATION AT ACCIDENT SITE									
	2 MILES					NE							
	FOG	NS TO VISION AT	ACCIDENT SITE	TEMPERATURE-F 75 TYPE OF WEATHER CONDITIONS.									
•	WIND VELOC	TTY-KNOTS											
	CALM				VF	R							
	TYPE OF FL NONE	IGHT PLAN											
	KIND OF PILOT'S GOGGLES COCKPIT	URS IN CROP CONT CROP - BEANS	OWN/NOT REPORTED		TY GL CF CR	PE OVE ASH ASH	DF OPERATION - SPRAYIN OF CHEMICAL USED - LIQ S - NOT USED HELMET - AVAILABLE US BAR - INSTALLED IN-TYPE - LEVEL+FLAT	UID CHEMICAL-NONTOXIC					

				FS OF					
FILE	DATE LOG	CATION	AIRCRAFT DATA		NJUR F	IES S M.	/N		PILOT DATA
	7/17/79 MOUND (ROCKWELL S2R N5012X DAMAGE-SUBSTANTIA	CR- PX-					COMMERCIAL, FL.INSTR., AGE 35, 6009 TOTAL HOURS, 583 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT TARKIO, MO TYPE OF ACCIDENT ENGINE FAILURE (GEAR COLLAPSED		TENDED DESTINATION LOCAL		Р	HASE IN	FL	F OPERATION IGHT PROCEDURE TURNARO NG ROLL	•
	TERRAIN - ROUGH/ FACTOR(S) MISCELLANEOUS AC PARTIAL POWER LOSS	/UNEVEN CTS,CONDITION S - PARTIAL L	POWERPLANT FAILURE S - OVERLOAD FAILU OSS OF POWER - 1 E ED LANDING OFF AIR	RE NG I NE			INE	D REASONS	
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRP SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 2784 KIND OF CROP - CORN PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 1040 PROCEDURE TURNAROUND - FIRST 1/3 TURN					TYF GLO CR / CR / TEF	PE DVE ASH ASH RRA	OF OPERATION — FERTILIZ OF CHEMICAL USED — LIOU S — NOT USED HELMET — AVAILABLE USE BAR — INSTALLED IN-TYPE — HILLY RUN-HOW FLOWN — WIND C	ID CHEMICAL-NONTOXIC
3-1621	7/31/79 NEELYVI TIME - 1630 NAME OF AIRPORT -		GRUMMAN G-164 N701Y DAMAGE-SUBSTANTIA	PX-					COMMERCIAL, AGE 53, 2646 TY TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT NEELYVILLE,MO TYPE OF ACCIDENT NOSE OVER/DOWN		TENDED DESTINATION LOCAL .					F OPERATION NG ROLL	
	PROBABLE CAUSE(S) PILOT IN COMMAND	O - SELECTED	WRONG RUNWAY RELAT	IVE TO	EXI	STIM	IG I	WIND	
	SPECIAL DATA TOTAL HOURS IN O KIND OF CROP — E PILOT'S SEAT BEL GOGGLES — NOT US COCKPIT CRASHPAC TANK/HOPPER-LOCA REMARKS— PLT STATE	BEANS LT - FASTENED SED D - INSTALLED ATION - FORWA	-PROPERLY	IDLE	DRG	TYF GLO CRA CRA	PE I SH ASH	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU S - NOT USED HELMET - AVAILABLE USE BAR - INSTALLED	ID CHEMICAL-TOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	, IN	JUR	IES		FLIGHT			
	8/1/79 TIME -	NR•RISCO•MO 0910 RE POINT	GRUMMAN G-164A N8499 DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR -	0	0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 39, 8520 TOTAL HOURS, 4500 IN TYPE, INSTRUMENT RATED.		
	ENGIN	MO ACCIDENT E FAILURE OR MALFUI DED WITH CROP	. LOCAL NCTION	PHASE OF OPERATION IN FLIGHT SWATH RUN LANDING LEVEL OFF/TOUCHDOWN							
	PILOT MISCE COMPLET	LLANEOUS ACTS.CONDI E POWER LOSS — COMP	EQUATE PREFLIGHT PREPARAT TIONS - WATER IN FUEL PLETE ENGINE FAILURE/FLAM FORCED LANDING OFF AIRPO	EOUT-	·1 E	NGIN		NNING			
	TOTAL KIND (PILOT GOGGL COCKP TANK/	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 4500 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 300					E I IVE SH SH RA	OF OPERATION - SPRAYING DF CHEMICAL USED - LIQU S - NOT USED HELMET - AVAILABLE USE BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CROSSW	D CHEMICAL-TOXIC		
3-0471	TIME -	1800	DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 0	COMMERCIAL ASSOC CROP CTL ACTIVIT	COMMERCIAL, AGE 26, 984 TOTAL HOURS, 42 IN TYPE, INSTRUMENT RATED.		
	CARTER OF ACCIDENT INTENDED DESITNATION CARTER OF ACCIDENT PHASE OF OPERATION COLLIDED WITH WIRES/POLES TAKEOFF RUN										
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS.CONDITIONS - SUNGLARE REMARKS- TOOK OFF FROM ROAD INTO SUN. HIT PWR POLE. NO LOAD ABOARD.										

			BRIEF	, 01 1	CCI	, DEI	• 5			
FILE	DATE	LOCATION	AIRCRAFT DATA			RIES		FLIGHT PURPOSE		PILOT DATA
3-0891	TIME - 1	NR.BILLINGS,MT 530 AIRPORT - LOAD STRI	GRUMMAN G-164B N67530 DAMAGE-SUBSTANTIAL					COMMERCIAL ASSOC CROP C	TL ACTIVITY	COMMERCIAL, AGE 35, 7800 TOTAL HOURS, 80 IN TYPE, INSTRUMENT RATED.
	DEPARTUR BILLING	E POINT	INTENDED DESTINATION LOCAL		_	F OPERATION > NG FINAL APPR	ROACH			
		CAUSE(S) IN COMMAND - FAILED	TO OBTAIN/MAINTAIN FLY	∕ING S	PEE	Đ				
	KIND O PILOT! GOGGLE COCKPI TANK/H	DATA HOURS IN CROP CONTRI F CROP - GRAIN FIEL S SEAT BELT - FASTEI S - NOT USED T CRASHPAD - INSTALI OPPER-LOCATION - FO ION-AREA BEING TREA	DS NED-PROPERLY LED RWARD OF PILOT			TY GL CR CR	PE OVE ASH ASH	OF OPERATION - OF CHEMICAL U S - USED HELMET - AVA BAR - INSTALI IN-TYPE - ROLI	SED - DRY CH ILABLE USED LED	G (DUST) EMICAL-NONTOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	RIES S M/N	V	FLIGHT PURPOSE		PILOT DATA					
		NR.CIRCLE.MT	PIPER PA-18	CR- 0	0	1	COMMERCIAL							
	DEPARTUR CIRCLE,	RE POINT												
		ACCIDENT DED WITH WIRES/POLES		I			OPERATION INITIAL CLIM	В						
	PILOT FACTOR(S		R COMPENSATION FOR WI	ND CONDI	FIONS									
		N - HIGH OBSTRUCTIONS BRIEFING - NO RECORD	OF BRIEFING RECEIVED											
	SKY CONDITION CLEAR				CEILING AT ACCIDENT SITE UNLIMITED									
		TY AT ACCIDENT SITE		PRECIPITATION AT ACCIDENT SITE										
		TIONS TO VISION AT AC	CIDENT SITE	The second secon										
	WIND DIR	ECTION-DEGREES		1	IND '	۷E	LOCITY-KNOTS							
	,	WEATHER CONDITIONS		,			FLIGHT PLAN							
	SPECIAL				14 T A11	n ,			IN TOUTD					
	KIND O	HOURS IN CROP CONTRO F CROP - GRAIN FIELD: S SEAT BELT - FASTEN S - NOT USED	5		TYPE GLO	E (DF OPERATION - D DF CHEMICAL USED S - USED HELMET - AVAILA	- LIQUID	CHEMICAL-NONTOXIC					
	COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - BELLY ELEVATION-AREA BEING TREATED-FEET - 2400 REMARKS- TOOK OFF FROM ROAD IN X-WIND.DRIFTED INTO						CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT							

FILE		TION AIRCRAFT DATA		F	SM	/N	PURPOSE	PILOT DATA
3-1178	6/9/79 NR.TOSTON, TIME - 1130 DEPARTURE POINT	MT CESSNA 188 N48100 DAMAGE-SUBSTANTI INTENDED DESTINATIO	CR- PX-	0	0 0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 20, 607 TOTAL HOURS, 270 IN TYPE, NOT INSTRUMENT RATED.
	TOSTON•MT TYPE OF ACCIDENT COLLIDED WITH OB	LOCAL JECT			_		F OPERATION IGHT CLEANUP SWATH	
	PROBABLE CAUSE(S) PILOT IN COMMAND	- FAILED TO SEE AND AVOID GE	BJECTS OR	08	STR	JCT:	IONS	
	KIND OF CROP - GR PILOT'S SEAT BELT GOGGLES - NOT USE COCKPIT CRASHPAD TANK/HOPPER-LOCAT ELEVATION-AREA BE	- FASTENED-PROPERLY D			GLI GLI CR CR	PE (DVES ASH ASH RRA]	OF OPERATION - SPRAYING C DF CHEMICAL USED - LIQUID S - NOT USED HELMET - AVAILABLE USED BAR - INSTALLED IN-TYPE - LEVEL; FLAT RUN-HOW FLOWN - WIND CAL	CHEMICAL-NONTOXIC
3-1359	-	NE CESSNA 188 N4807R DAMAGE-SUBSTANTI INTENDED DESTINATIO HUNTLEY,NE	N	Р	HASE	OF	· · OPERATION	NUT INSTRUMENT RATED.
	ENGINE FAILURE OR HARD LANDING						IGHT PROCEDURE TURNAROUN NG LEVEL OFF/TOUCHDOWN	D
	MISCELLANEOUS ACT MISCELLANEOUS ACT PARTIAL POWER LOSS	- MISMANAGEMENT OF FUEL S+CONDITIONS - INATTENTIVE T S+CONDITIONS - FUEL EXHAUSTI - PARTIAL LOSS OF POWER - 1 NCES - FORCED LANDING OFF AI	ON ENGINE					
	KIND OF CROP - GR PILOT'S SEAT BELT GOGGLES - NOT USE COCKPIT CRASHPAD - TANK/HOPPER-LOCAT ELEVATION-AREA BE	- FASTENED-PROPERLY D			GLO CRA CRA	PE C OVES ASH ASH RRAI	OF OPERATION — SPRAYING CO OF CHEMICAL USED — LIQUID S — NOT USED HELMET — AVAILABLE USED BAR — INSTALLED IN—TYPE — HILLY RUN—HOW FLOWN — WIND CAL	CHEMICAL-NONTOXIC

	The state of the		BRIEFS UF ACCIDENTS									
FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/		PILOT DATA						
3-0971	TIME - 070		PIPER PA-25 N6765Z DAMAGE-SUBSTANTIAL	CR- 0 0 PX- 0 0 (COMMERCIAL, AGE 27, 4000 TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.						
	DEPARTURE RUSHVILL TYPE OF AC COLLIDED	E+NE	INTENDED DESTINATION LOCAL		OF OPERATION FLIGHT PULLUP FROM SWA	ATH RUN						
	PROBABLE C PILOT IN	AUSE(S) I COMMAND - MISJU	DGED CLEARANCE									
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO	URS IN CROP CONTR CROP - GRAIN FIEL SEAT BELT - UNKNO - NOT USED CRASHPAD - INSTAL PER-LOCATION - FO	.DS WN/NOT REPORTED .LED	TYP GLOV CRA CRAS TERI	O OF OPERATION - SPRAY: E OF CHEMICAL USED - L /ES - NOT USED SH HELMET - AVAILABLE I SH BAR - INSTALLED RAIN-TYPE - LEVEL, FLAT TH RUN-HOW FLOWN - DOWN	IQUID CHEMICAL-NONTOXIC						

	BRIEFS UF ACCIDENTS											
FILE		LOCATION	AIRCRAFT DATA	INJ F	URIE S	S M/N	FLIGHT PURPOSE	PILOT DATA				
		KIMBALL, NE		CR-	0 0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR.,				
	DEPARTURE POTTER.N	POINT NE	INTENDED DESTINATION									
	TYPE OF AC	CCIDENT ON WITH GROUND/WAT	ER CONTROLLED				DF OPERATION .IGHT PROCEDURE TURNAR	ROUND				
	FACTOR(S) WEATHER WEATHER WEATHER WEATHER	N COMMAND - IMPROP - UNFAVORABLE WIN - DOWNDRAFT, UPDRA - HIGH DENSITY AL - THUNDERSTORM AC	FTS TITUDE		NNIN	9						
	SKY CONDIT						G AT ACCIDENT SITE					
	VISIBILITY 5 OR OVE	Y AT ACCIDENT SITE ER(UNLIMITED) DNS TO VISION AT A		•	PRE R	CIP:	ITATION AT ACCIDENT SITE THUNDERSTORM	re				
	NONE	EATHER CONDITIONS	CCIDENT SITE		TEMPERATURE-F 80 TYPE OF FLIGHT PLAN NONE							
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO PROCEDUR	DURS IN CROP CONTR CROP - GRAIN FIEL SEAT BELT - UNKNO - NOT USED CRASHPAD - NOT IN PPER-LOCATION - FO DN-AREA BEING TREA ETURNAROUND - TH	DS WN/NOT REPORTED . STALLED RWARD OF PILOT TED-FEET - 4900	7200 '	T' G CI C T	PE LOVE RASH RASH RRA	OF OPERATION — SPRAYIN OF CHEMICAL USED — LIG ES — NOT USED H HELMET — AVAILABLE US H BAR — INSTALLED AIN—TYPE — ROLLING H RUN—HOW FLOWN — CROSS	OUID CHEMICAL-NONTOXIC				

FILE			AIRCRAFT DATA					PILOT DATA			
3-2699	7/12/79 TIME - 070 NAME OF AI DEPARTURE HARTINGT TYPE OF AC	HARTINGTON,NE DO (RPORT - HARTINGTON POINT FON,NE	CESSNA A188B N9275R DAMAGE-SUBSTANTIAL MUNI INTENDED DESTINATION LOCAL	CR- 0 PX- 0	0 1 0 0 HASE C	COMMERCIAL ASSOC CROP CTL / F OPERATION FF INITIAL CLIMING ROLL	ACTIVITY	COMMERCIAL, AGE 29, 2221 TOTAL HOURS, 620 IN TYPE, NOT INSTRUMENT RATED.			
	FACTOR(S) TERRAIN COMPLETE F	ANT - MISCELLANEOUS - ROUGH/UNEVEN POWER LOSS - COMPLE	POWERPLANT FAILURE F TE ENGINE FAILURE/FLAM RCED LANDING OFF AIRPO	MEOUT-1 E	NGINE	D REASONS	·.				
	KIND OF PILOT'S GOGGLES COCKPIT		ED	TED	TYPE GLOVE CRASH	OF OPERATION - DO DF CHEMICAL USED S - USED HELMET - AVAILAI BAR - INSTALLED	- DRY CHE BLE USED				
	TIME - 153 NAME OF ADDEPARTURE BASSETT, TYPE OF AC	IRPORT - BASSETT MU POINT •NE CCIDENT	CESSNA 188A N8131V DAMAGE-SUBSTANTIAL NICIPAL INTENDED DESTINATION LOCAL		HASE O	F OPERATION		COMMERCIAL, AGE 24, 2343 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.			
	STALL MUSH PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - LOAD NOT JETTISONED										
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO	DURS IN CROP CONTRO CROP — CORN SEAT BELT — UNKNOW — NOT USED CRASHPAD — NOT INS PPER-LOCATION — FOR DN-AREA BEING TREAT	N/NOT REPORTED TALLED WARD OF PILOT		TYPE GLOVE CRASH CRASH TERRA SWATH	OF OPERATION - DOF CHEMICAL USED S - NOT USED HELMET - NOT AV. BAR - INSTALLED IN-TYPE - ROLLING RUN-HOW FLOWN -	- DRY CHE AILABLE G	MICAL-TOXIC			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR F	IES S M/N	FLIGHT PURPOSE				
3-1349	7/17/79 N TIME - 113 DEPARTURE	R.KEARNEY,NE BO POINT	PIPER PA-25 N4865Y DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 24, 1300 TOTAL HOURS, 900 IN TYPE, NOT INSTRUMENT RATED.			
					IN FL	DF OPERATION IGHT STARTING SWATH RI NG LEVEL OFF/TOUCHDOW				
	PILOT IN MISCELLA MISCELLA COMPLETE P	I COMMAND - INADEQU I COMMAND - MISMAN NEOUS ACTS, CONDIT NEOUS ACTS, CONDIT OWER LOSS - COMPLI	UATE PREFLIGHT PREPARAT AGEMENT OF FUEL IONS - MISCALCULATED FU IONS - FUEL EXHAUSTION ETE ENGINE FAILURE/FLAN ORCED LANDING OFF AIRPO	JEL CONSU	MPTION NGINE					
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP	OURS IN CROP CONTRO CROP - CORN	WN/NOT REPORTED. STALLED RWARD OF PILOT		TYPE GLOVE CRASH CRASH TERRA	OF OPERATION — SPRAYING OF CHEMICAL USED — LIO S — NOT USED H HELMET — AVAILABLE US BAR — NOT INSTALLED IN-TYPE — ROLLING RUN-HOW FLOWN — WIND (UID CHEMICAL-TOXIC			
3-1322	7/28/79 N TIME - 124	IR • AUBURN• NE • 5	ENSTROM F28C N51717 DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 2 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 44, 5950 TOTAL HOURS, 653 IN TYPE, NOT INSTRU- MENT RATED.			
	AUBURN•NE TYPE OF AC		INTENDED DESTINATION LOCAL ER CONTROLLED			F OPERATION IGHT SWATH RUN	TENT KATES!			
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.									
	KIND OF GLOVES - CRASH HE CRASH BA ELEVATIO	TA DURS IN CROP CONTR CROP - CORN - NOT USED LMET - AVAILABLE IN R - NOT INSTALLED N-AREA BEING TREA POLLINATING CORN.	JSED		PILOT GOGGI COCKP	OF OPERATION - OTHER 'S SEAT BELT - UNKNOWN, ES - NOT USED IT CRASHPAD - NOT INSTA				

FILE	DATE	LOCATION	AIRCRAFT DATA	I N J	JUR =	IES S M/	N	FLIGHT PURPOSE		PILOT DATA	
				CR- PX-					TIVITY	COMMERCIAL, AGE 22, 1280 TOTAL HOURS, 140 IN TYPE, INSTRUMENT RATED.	
	DEPARTURE DEETH, N TYPE OF A	IAME OF AIRPORT - HIGHWAY DEPARTURE POINT INTENDED DESTINATION DEETH,NV LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF RUN									
	PROBABLE PILOT I		TED OPERATION W/KNOWN	DEFICIE	ENC	IES	ΙN	EQUIPMENT			
	TYPE OF GOGGLES COCKPIT TANK/HO ELEVATI	OURS IN CROP CONTRI CHEMICAL USED - L CHEMICAL USED - L CRASHPAD - INSTAL IPPER-LOCATION - FO ON-AREA BEING TREA	OL - 1021 IQUID CHEMICAL-TOXIC LED RWARD OF PILOT TED-FEET - 5140 ABANDONED HIGHWAY.LIQU			GLC CRA CRA TER	VE SH SH RA	OF OPERATION - DEF 5 - NOT USED HELMET - AVAILABL BAR - NOT INSTALL N-TYPE - LEVEL,FL RUN-HOW FLOWN - W NL HAD BEEN SPILLE	E USED ED AT IND CALM	1	
3-1966	6/27/79 TIME - 08	NR.YERINGTON,NV	PIPER PA-36 N57727 DAMAGE-DESTRNYED	CR- PX-	0	0	1	COMMERCIAL AERIAL APPLICATIO		COMMERCIAL, FL.INSTR., AGE 48, 6280 TOTAL HOURS, 569 IN TYPE, NOT INSTRU- MENT RATED.	
	DEPARTURE YERINGT	POINT	INTENDED DESTINATION							MENI RATED.	
	TYPE OF A	CCIDENT	TION			ΙN	FL	OPERATION IGHT PROCEDURE TU GHT PROCEDURE TU			
	POWERPL	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE									
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI PROCEDU FIRE AFTE	HOURS IN CROP CONTRECTOR OF THE CONTRECTOR OTHER OF THE CONTRECTOR	NED-PROPERLY LED RWARD OF PILOT TED-FEET - 4400			TYP GLC CRA CRA TER	E (VE SH SH RA	OF OPERATION - SPR OF CHEMICAL USED - S - USED HELMET - AVAILABL BAR - INSTALLED N-TYPE - LEVEL,FL RUN-HOW FLOWN - W	LIQUID E USED AT	CHEMICAL-TOXIC	

FILE	DATE	LOCATION	AIRCRAFT DATA		F	SM	/N	PURPOSE	PILOT DATA	
3-2180	TIME - 06 DEPARTURE CEDARVI TYPE OF A	POINT LLE•NJ	CESSNA A188B N6443G DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR-	0	0 0 PHAS	1 0		COMMERCIAL, AGE 52, 1200 TOTAL HOURS, 500 IN TYPE, NOT INSTRUMENT RATED.	
	FACTOR(S)	DGED CLEARANCE								
	MISCELLANEOUS ACTS, CONDITIONS - SUNGLARE SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1200 KIND OF CROP - CORN GLOVES - USED CRASH HELMET - AVAILABLE USED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 3					TY GO CR TE	PE GGL ASH RRA	OF OPERATION - DUSTING OF CHEMICAL USED - LIQUES - USED BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - WIND C	ID CHEMICAL-TOXIC	
	8/7/79 TIME - 11	_	PIPER PA-25 N9783P DAMAGE-SUBSTANTIAL	PX-	0	0	0	ASSOC CROP CTL ACTIVIT		
	NAME OF A DEPARTURE BNRIDGE TYPE OF A COLLISI						F OPERATION NG LEVEL OFF/TOUCHDOWN			
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER REMARKS- LANDING RWY 22, COLLIDED WITH ACFT ON TAKE-OFF ROLL ON RWY 16. TREES BETWEEN RWYS OBSTRUCT VISION.									

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUI F	RIES S M/N	FLIGHT PURPOSE	PILOT DATA
3-1487	3/22/79 NR. TIME - 1300	TULAROSA, NM	HILLER UH-12D N94AP DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 31, 3889 TOTAL HOURS, 315 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE PO	TNIC.	INTENDED DESTINATION			•	
	TYPE OF ACCI	M DENT ITH WIRES/POLES	LUCAL			F OPERATION IGHT SWATH RUN	
	FACTOR(S)	COMMAND - FAILED	TO SEE AND AVOID OBJECT		3 S TR UC T	TONS	
	KIND OF CR PILOT'S SE GOGGLES - COCKPIT CR TANK/HOPPE ELEVATION-	RS IN CROP CONTRO ROP — OTHER EAT BELT — UNKNOW NOT USED RASHPAD — NOT INS ER-LOCATION — BELI -AREA BEING TREAT	TALLED LY	TED	TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU ES - USED HELMET - AVAILABLE USE BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CROSSW	DID CHEMICAL-TOXIC
3 - 2196	6/26/79 NR.			CR- 0	0 2	COMMERCIAL ASSOC CROP CTL ACTIVIT	COMMERCIAL, AGE 39, 11000 TY TOTAL HOURS, 1800 IN
	NAME OF AIRF DEPARTURE PO LOVINGTON TYPE OF ACCI	PORT - ABANDONED DINT •NM	DAMAGE-SUBSTANTIAL ARMY INTENDED DESTINATION LOCAL		PHASE O	F OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN	TYPE, INSTRUMENT RATED.
	POWERPLANT MISCELLANG MISCELLANG FACTOR(S) MISCELLANG PARTIAL POW	T - PROPELLER AND T - MISCELLANEOUS EDUS ACTS, CONDITI EDUS ACTS, CONDITI EDUS ACTS, CONDITI ER LOSS - PARTIAL	ACCESSORIES GOVERNO DETONATION ONS - OIL CONTAMINATIONS - INTENTIONAL WHEN ONS - FAILURE OF TWO (LOSS OF POWER - 2 EN RCED LANDING OFF AIRPO	DN ELS - UP DR MORE E GINES			
	KIND OF CF PILOT'S SI GOGGLES — COCKPIT CI TANK/HOPPE ELEVATION	RS IN CROP CONTRO ROP — OTHER EAT BELT — FASTEN NOT USED RASHPAD — NOT INS ER-LOCATION — OTH -AREA BEING TREAT	ER ED - FEET - 3600	. *	TYPE GLOVE CRASH CRASH TERRA SWATH	OF OPERATION - OTHER OF CHEMICAL USED - LIQUES - NOT USED I HELMET - NOT AVAILABLE I BAR - INSTALLED IN-TYPE - LEVEL, FLAT I RUN-HOW FLOWN - UNKNOW V OIL.R ENG LOST PWR 5M	: WN/NOT REPORTED

FILE	DATE	LOCATION	AIRCRAFT DATA			IES S M/				PILOT DATA			
3-1478	7/13/79 TIME - 08	NR.DEMING, NM 330	PIPER PA-25 N7402Z DAMAGE-DESTROYED					COMMERCIAL AERIAL APPI		COMMERCIAL, AGE 41, 910 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.			
	DEPARTURE YATES S	POINT	INTENDED DESTINATION LOCAL										
	TYPE OF A												
	STALL	COLDENI	•		٢		_	OPERATION GHT PULLU	FROM SWATH	RUN			
	PROBABLE	CAUSE(S)											
	PILOT I FACTOR(S) WEATHER	YING S	PEE	D									
	SKY CONDI		С	EILI		AT ACCIDENT	SITE						
	CLEAR CLEAR CLEAR CLEAR TO STREET 5 OR OVER (UNLIMITED)					PRECIPITATION AT ACCIDENT SITE NONE							
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE					WIND VELOCITY-KNOTS 10							
	TYPE OF WEATHER CONDITIONS VFR					YPE NON		FLIGHT PLAN	1				
	SPECIAL D												
		IOURS IN CROP CONT	ROL - 600						N - SPRAYING				
		CROP - COTTON SEAT BELT - FAST	ENCDDBODEDLY							ID CHEMICAL-TOXIC			
		- NOT USED	ENEU-PROPERLY		GLOVES - NOT USED CRASH HELMET - AVAILABLE USED								
		CRASHPAD - NOT I	NSTALLED .			-		BAR - INSTA		,			
		PPER-LOCATION - F		TERRAIN-TYPE - LEVEL.FLAT									
	ELEVATI FIRE AFTE			SWA	ТН	RUN-HOW FLO	OWN - UNKNOW	IN/NOT REPORTED					
	-												

8/22/79 NR.ATIME - 1630 DEPARTURE POLARCH.NM TYPE OF ACCIL ENGINE FAIL GEAR COLLAI PROBABLE CAUS PILOT IN COL MISCELLANEO FACTOR(S) POWERPLANT MISCELLANEO TERRAIN - F COMPLETE POWER EMERGENCY CIF SPECIAL DATA TOTAL HOUR	INT DENT LURE OR MALFU PSED DMMAND - INAD DMMAND - MISM JUS ACTS.COND - POWERPLANT DUS ACTS.COND HIGH VEGETATI ER LOSS - COM COUMSTANCES -	DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL NCTION EQUATE PREFLIGHT PREPARA ANAGEMENT OF FUEL ITIONS - FUEL EXHAUSTION -INSTRUMENTS FUEL QUANT ITIONS - ERRATIC	CR- PX-	O O PH ND/O	ASE IN Lan	OF OPERATIO FLIGHT RETU DING ROLL	IN		COMMERCIAL, AGE 59, 9999 TOTAL HOURS, 300 IN TYPE INSTRUMENT RATED.
TYPE OF ACCIDENGINE FAIL GEAR COLLAID PROBABLE CAUSE PILOT IN COMISCELLANED FACTOR(S). POWERPLANT MISCELLANED TERRAIN - FOMPLETE POWERPERGENCY CIR SPECIAL DATA TOTAL HOURS	LURE OR MALFU PSED SE(S) MMAND - INAD DMMAND - MISM DUS ACTS, COND - POWERPLANT DUS ACTS, COND HIGH VEGETATI ER LOSS - COM COMSTANCES -	NCTION EQUATE PREFLIGHT PREPARA' ANAGEMENT OF FUEL ITIONS - FUEL EXHAUSTION -INSTRUMENTS FUEL QUANT ITIONS - ERRATIC ON PLETE ENGINE FAILURE/FLA	ITY GA	ND/0	IN Lan	FLIGHT RETU DING ROLL		RIP	
PILOT IN CO PILOT IN CO MISCELLANEO FACTOR(S). POWERPLANT MISCELLANEO TERRAIN - F COMPLETE POWE EMERGENCY CIR SPECIAL DATA TOTAL HOURS	DMMAND - INAD DMMAND - MISM DUS ACTS, COND - POWERPLANT DUS ACTS, COND HIGH VEGETATI ER LOSS - COM CCUMSTANCES -	ANAGEMENT OF FUEL ITIONS - FUEL EXHAUSTION -INSTRUMENTS FUEL QUANT ITIONS - ERRATIC ON PLETE ENGINE FAILURE/FLA	ITY GA	UGE	R P	L ANN I NG		-	
MISCELLANEO TERRAIN - H COMPLETE POWE EMERGENCY CIR SPECIAL DATA TOTAL HOUR:	DUS ACTS,COND HIGH VEGETATI ER LOSS — COM RCUMSTANCES —	ITIONS - ERRATIC ON PLETE ENGINE FAILURE/FLA	MEOU T-					-	
SPECIAL DATA TOTAL HOURS		FUNCED LANDING OFF AIRPO				E			
TOTAL HOURS			31(1) (1)	LAN	ע				
CRASH HELME CRASH BAR - TERRAIN-TYP	OP - CORN SED ET - AVAILABL - INSTALLED PE - LEVEL,FL	AT .			TYP GOG COC TAN	GLES - NOT U KPIT CRASHPA K/HOPPER-LOC	L USED - SED D - INST ATION -	DRY CH ALLED FORWARD	EMICAL-TOXIC OF PILOT
SWATH RUN-	10W FLOWN - C	ROSSWIND				÷			
		PIPER PA-25 N4605Y DAMAGE-DESTROYED	CR- PX-	0 0	0	1 COMMERCIA 0 ASSOC CRO	P CTL AC	TIVITY	COMMERCIAL, AGE 35, 1084 TOTAL HOURS, 56 IN TYPE, NOT INSTRUMENT RATED.
PORTALES, NI	1	INTENDED DESTINATION PORTALES, NM		DН	A S F	OF OPERATIO	N		·
ENGINE FAI	LURE OR MALFU				IN.	FLIGHT EN R	OUTE TO		
PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS.CONDITIONS - FUEL EXHAUSTION									
MISCELLANEOUS ACTS, CONDITIONS - MISCALCULATED FUEL CONSUMPTION MISCELLANEOUS ACTS, CONDITIONS - JETTISONED LOAD COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE									•
KIND OF CR	S IN CROP CON DP - OTHER AT BELT - UNK				TYP GLO	E OF CHEMICA VES - NOT US	L USED . SED	- LIQUID	CHEMICAL-NONTOXIC
	CRASH HELME CRASH BAR - TERRAIN-TYP SWATH RUN-P 9/7/79 PO TIME - 1745 DEPARTURE POI PORTALES, NI TYPE OF ACCID ENGINE FAIL COLLISION V PROBABLE CAUS PILOT IN CO MISCELLANEO MISCELLANEO MISCELLANEO MISCELLANEO COMPLETE POWE EMERGENCY CII SPECIAL DATA TOTAL HOURS KIND OF CRI PILOT'S SE GOGGLES - 1	CRASH BAR — INSTALLED TERRAIN—TYPE — LEVEL,FL SWATH RUN—HOW FLOWN — C 9/7/79	CRASH HELMET - AVAILABLE USED CRASH BAR - INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - CROSSWIND P/7/79 PORTALES, NM PIPER PA-25 IME - 1745 N4605Y DAMAGE-DESTROYED DEPARTURE POINT INTENDED DESTINATION PORTALES, NM PORTALES, NM TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - JETTISONED LOAD COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAI EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRP SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1075 KIND OF CROP - OTHER PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED	CRASH HELMET - AVAILABLE USED CRASH BAR - INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - CROSSWIND 9/7/79	CRASH HELMET — AVAILABLE USED CRASH BAR — INSTALLED TERRAIN-TYPE — LEVEL, FLAT SWATH RUN-HOW FLOWN — CROSSWIND 9/7/79 PORTALES, NM PIPER PA-25 CR — O TIME — 1745 N4605Y PX — O DEPARTURE POINT INTENDED DESTINATION PORTALES, NM PORTALES, NM TYPE OF ACCIDENT PH ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND — MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS — FUEL EXHAUSTION FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS — MISCALCULATED FUEL CONSUM MISCELLANEOUS ACTS, CONDITIONS — JETTISONED LOAD COMPLETE POWER LOSS — COMPLETE ENGINE FAILURE/FLAMEOUT—1 EN EMERGENCY CIRCUMSTANCES — FORCED LANDING OFF AIRPORT ON LAN SPECIAL DATA TOTAL HOURS IN CROP CONTROL — 1075 KIND OF CROP — OTHER PILOT'S SEAT BELT — UNKNOWN/NOT REPORTED GOGGLES — NOT USED	CRASH HELMET - AVAILABLE USED CRASH BAR - INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - CROSSWIND POTTAGES, NM PIPER PA-25 DAMAGE-DESTROYED DEPARTURE POINT PORTALES, NM IN COLLISION WITH GROUND/WATER CONTROLLED PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - JETTISONED LOAD COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGIN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1075 KIN KIND OF CROP - OTHER PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED	CRASH HELMET — AVAILABLE USED CRASH BAR — INSTALLED TERRAIN—TYPE — LEVEL_FLAT SWATH RUN—HOW FLOWN — CROSSWIND 9/7/79 PORTALES,NM PIPER PA—25 CR— 0 0 1 COMMERCIA 10 DAMAGE—DESTROYED DEPARTURE POINT INTENDED DESTINATION PORTALES,NM PORTALES,NM TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND — MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS — FUEL EXHAUSTION FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS — MISCALCULATED FUEL CONSUMPTION MISCELLANEOUS ACTS,CONDITIONS — JETTISONED LOAD COMPLETE POWER LOSS — COMPLETE ENGINE FAILURE/FLAMEOUT—1 ENGINE EMERGENCY CIRCUMSTANCES — FORCED LANDING OFF AIRPORT ON LAND SPECIAL DATA TOTAL HOURS IN CROP CONTROL — 1075 KIND OF OPERATIO KIND OF OPERATIO TYPE OF CHEMICA GOGGLES — NOT USED CRASH HELMET —	CRASH HELMET - AVAILABLE USED CRASH BAR - INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - CROSSWIND POTT/79 PORTALES, NM PIPER PA-25 CR- 0 0 1 COMMERCIAL IMME - 1745 N4605Y PX- 0 0 ASSOC CROP CTL AC DEPARTURE POINT INTENDED DESTINATION PORTALES, NM PORTALES, NM PORTALES, NM TYPE OF ACCIDENT PORTALES OR MALFUNCTION IN FLIGHT EN ROUTE TO COLLISION WITH GROUND/WATER CONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - JETTISONED LOAD COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1075 KIND OF OPERATION - SPR TYPE OF CHEMICAL USED - GOGGLES - NOT USED CRASH HELMET - AVAILABLE COCKPIT CRASHPAD - INST TANK/HOPPER-LOCATION - INST TANK/HOPPER-LOCATION - ELEVATION - SPR TANK/HOPPER-LOCATION - INST TANK/HOPPER-LOCATION TANK/HOPPER-LOCATION TANK/HOPPER-LOCATION TANK/HOPPER-LOCATION TO A COMMERCIAL TO A COMMERCIAL TO A COMMERCIAL TANK/HOPPER-LOCATION TO A COMMERCIAL TANK/HOPPER-LOCATION TA	CRASH HELMET - AVAILABLE USED CRASH BAR - INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - CROSSWIND P/7/79 PORTALES, NM PIPER PA-25 CR- 0 0 1 COMMERCIAL P/7/79 PORTALES, NM PORTALES, N

FILE			AIRCRAFT DATA	F	S M.	/N	PURPOSE	PILOT DATA
3-1110	5/31/79	COHOCTON, NY 15	PIPER PA-25	CR- PX-	0 0	1	COMMERCIAL	COMMERCIAL, AGE 25, 323 TOTAL HOURS, 29 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE AVOCA,PA		INTENDED DESTINATION LOCAL					NOT INSTRUMENT NATES.
	TYPE OF A						F OPERATION IGHT SWATH RUN	•
	PROBABLE (D TO SEE AND AVOID OBJEC	CTS OR	OBSTR	JCT	IONS	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOR	DURS IN CROP CONT CROP - POTATOES SEAT BELT - FAST - NOT USED CRASHPAD - NOT I	ENED-PROPERLY NSTALLED ORWARD OF PILOT		TYI GLG CR	PE (DVES ASH	DF OPERATION - DUSTING OF CHEMICAL USED - LIQUIS - NOT USED HELMET - AVAILABLE USED BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT	ID CHEMICAL-NONTOXIC
3- 3484	7/6/79 TIME - 074	JAMESPORT,NY 45	BELL 47G-5 N8593F Damage-destroyed	CR- PX-	1 0 0 0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 25, 3158 TOTAL HOURS, ALL IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE JAMESPOR	POINT	INTENDED DESTINATION LOCAL					THE REPORT OF THE PARTY OF THE
	TYPE OF AC	CCIDENT D WITH ELECTRONI	C TOWERS		PHASE In	FL:	FOPERATION IGHT STARTING SWATH RUN	1
	FACTOR (S)		D TO SEE AND AVOID OBJEC	CTS OR (OBSTRU	JC TI	ONS	
	KIND OF	OURS IN CROP CONT	ROL - UNKNOWN/NOT REPORT ENED-PROPERLY NSTALLED IDES ATED-FEET - 30 WIRE TO AN ENVIRONMENTAL	-	TVI		E CHENTCAL HEED LIGHT	D CHEMICAL TOVIC

		AIRCRAFT DATA		F	S M	/N	PURPOSE		PILOT DATÁ	
8/6/79 TIME - 1	SCHUYLERVILLE,NY 415		CR-						COMMERCIAL, AGE 33, 3250 TOTAL HOURS, 690 IN TYPE, INSTRUMENT RATED.	
DEPARTUR	AIRPORT - GARNSEY E POINT .I ERVILLE.NY	NTENDED DESTINATION								
	ACCIDENT	COORC		Р			F OPERÄTION FF INITIAL			
PILOT		O OBTAIN/MAINTAIN FLY WRONG RUNWAY RELATIV				ve i	M I N D			
FACTOR(S MISCEL										
	BRIEFING - UNKNOWN/NO FORECAST - UNKNOWN/NO						,			
	SKY CONDITION SCATTERED						AT ACCIDENT			
	VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)						TATION AT A	CCIDENT SITE		
	IONS TO VISION AT ACC	IDENT SITE		Ţ	NO! EMP! 78		TURE-F		•	
	ECTION-DEGREES									
	WEATHER CONDITIONS			Т	14 YPE NO	OF	FLIGHT PLAN	N.		
SPECIAL	DATA									
TOTAL KIND O			OPS PROPERLY							
CRASH	- NOT USED HELMET - AVAILABLE US	GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED								
	BAR - INSTALLED WIND GUSTS TO 23KTS.				TAI	IK /ŀ	HOPPER-LOCA	TION - FORWARD	OF PILOT	

			AIRCRAFT DATA						PILOT DATA	
3-3416	ELIZABET TYPE OF AC	TH CITY NC	PIPER PA-25 N8911L DAMAGE-DESTROYED NTENDED DESTINATION LOCAL	CR – PX–		HAS	E 0	COMMERCIAL AERIAL APPLICATION F OPERATION IGHT PULLUP FROM SWAT	COMMERCIAL, AGE 34, 1395 TOTAL HOURS, 93 IN TYPE, NOT INSTRUMENT RATED.	
	PROBABLE C PILOT IN	CAUSE(S) I COMMAND - MISJUDGE	D DISTANCE							
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP	OURS IN CROP CONTROL CROP - UNKNOWN/NOT SEAT BELT - UNKNOWN - NOT USED CRASHPAD - NOT INST PER-LOCATION - FORW	V/NOT REPORTED	TED		TY GL CR CR TEI	PE OVE ASH ASH RRA ATH	OF OPERATION - PRACTIC DF CHEMICAL USED - UNK S - NOT USED HELMET - NOT AVAILABL BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - UNKNO	NOWN/NOT REPORTED	
3~3415	DEPARTURE ALLIANCE TYPE OF AC ENGINE F COLLIDED	POINT I ,NC CIDENT AILURE OR MALFUNCTI WITH CROP	NTENDED DESTINATION LOCAL		Ρŀ	HASI IN	E 01 FL	COMMERCIAL ASSOC CROP CTL ACTIVI OPERATION IGHT NORMAL CRUISE OF LEVEL OFF/TOUCHDOW		
	PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - IGNITION SYSTEM MAGNETOS MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED FACTOR(S) TERRAIN - HIGH VEGETATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
	KIND OF GLOVES - CRASH HE CRASH BAI SWATH RU	URS IN CROP CONTROL CROP - OTHER NOT USED LMET - AVAILABLE US R - INSTALLED N-HOW FLOWN - UNKNO	ED WN/NOT REPORTED		THE	PI GOO COO TAI	LOT GGLI CKP NK/I	OF OPERATION - TEST S SEAT BELT - FASTENE ES - NOT USED IT CRASHPAD - INSTALLE HOPPER-LOCATION - FORW	D ARD OF PILOT	

		•	DIVIE!	, Oi A	001	ULIV				·
FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR F	IES S M	/N	FLIGHT PURPOSE		PILOT DATA
3-3412	8/22/79 ÇI TIME - 1530 DEPARTURE PO MT OLIVE,NI TYPE OF ACCI	DVE CITY,NC INT C DENT	PIPER PA-25 N9633P DAMAGE-SUBSTANTIAL INTENDED DESTINATION FT BARNWELL,NC	CR- PX-	0 0	0 0 HAS	1 0 E 0	COMMERCIAL ASSOC CROP CTĹ AC F OPERATION	CTIVITY	COMMERCIAL, AGE 24, 1953 TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.
	ENGINE FAILURE OR MALFUNCTION COLLIDED WITH CROP LANDING TRAFFIC PATTERN-CIRCL LANDING LEVEL OFF/TOUCHDOWN									NG ·
	PILOT IN C MISCELLANE FACTOR(S) PILOT IN COMPLETE POW EMERGENCY CI	DMMAND - INADEQ OMMAND - MISMAN DUS ACTS, CONDIT DMMAND - SELECT ER LOSS - COMPL RCUMSTANCES - F	UATE PREFLIGHT PREPARAT AGEMENT OF FUEL IONS - FUEL EXHAUSTION ED UNSUITABLE TERRAIN ETE ENGINE FAILURE/FLAN ORCED LANDING OFF AIRPO ELF TO CONGESTED ROAD U	1EOUT - ORT ON	1 E LA	NG I ND	NE		≣ FIELD.	
3-1358	7/5/79 G TIME - 0600		CESSNA A188B N2172J DAMAGE-SUBSTANTIAL	PX-	0	0	1 0	COMMERCIAL AERIAL APPLICATIO)N	COMMERCIAL, FL.INSTR., AGE 29, 8625 TOTAL HOURS, 3000 IN TYPE, INSTRUMENT
	DEPARTURE PO DEVILS LAK TYPE OF ACCI STALL MUS	DENT	INTENDED DESTINATION LOCAL		P			F OPERATION IGHT PROCEDURE TU	JRNAROUND	RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED									
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 3000 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 1460 PROCEDURE TURNAROUND - SECOND 1/3 TURN					TY GL CR CR TE	PE DVE ASH ASH RRA	DF OPERATION - SPR OF CHEMICAL USED - S - NOT USED HELMET - AVAILABL BAR - INSTALLED IN-TYPE - ROLLING RUN-HOW FLOWN - D	- LIQUID LE USED	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR F	IES S M/N	FLIGHT PURPOSE	PILOT DATA				
3-1225	5/19/79 TIME - 1930 DEPARTURE F	LEXINGTON,OH POINT	HILLER UH-12E N67156 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 PX- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 2320 TOTAL HOURS, 750 IN TYPE, NOT INSTRUMENT RATED.				
	TYPE OF ACC	CIDENT R/ROTOR FAILURE			IN F	DF OPERATION LIGHT PULLUP FROM SWA ING POWER-OFF AUTOROT,					
	ROTORCRAF MISCELLAN MISCELLAN FACTOR(S) TERRAIN -	L - MAINTENANCE, FT - ROTOR ASSEM! NEOUS ACTS,CONDI' NEOUS - EVASIVE! - HIGH OBSTRUCTIO		COUPLING	S	TENANCE AND INSPECTION					
.	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1450 KIND OF CROP - CORN PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 1300 REMARKS- PRTS LIST HAS 3 TORSION CPLNGS FOR UH12E-SAME SIZE BUT NOT FUNCIONLY CHOGBL-MAINT MAN-NO SPECS.										
3 - 1752	5/23/79 NF TIME - 1815		BELL 47G-2 N4423 DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 23, 1529 TOTAL HOURS, 368 IN TYPE, NOT INSTRU- MENT RATED.				
	DEPARTURE POINT INTENDED DESTINATION PIOUA, OH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT SWATH RUN										
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE										
	TYPE OF (GOGGLES - TERRAIN-1 SWATH RUN	JRS IN CROP CONTE CHEMICAL USED - I - NOT USED TYPE - LEVEL,FLA' N-HOW FLOWN - CRO	LIQUID CHEMICAL-NONTOXIC T	;	GLOV CRASI ELEV	OF OPERATION - TEST ES - NOT USED H HELMET - AVAILABLE-NO ATION-AREA BEING TREAT EDURE TURNAROUND - THIR	ED-FEET - 1000				

FILE			AIRCRAFT DATA					FLIGHT PURPOSE	PILOT DATA	
3-2278	6/3/79 TIME - 12	CARROLLTON, OH	BELL 47G-2A N7575 DAMAGE-SUBSTANTIAL	CR P X	0	1 0	0	COMMERCIAL	COMMERCIAL, AGE 32, 4227 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.	
	DEPARTURE CARROLL TYPE OF A COLLIDE			PHASE OF OPERATION IN FLIGHT EN ROUTE TO TREAT CROP						
	PROBABLE PILOT I		TO SEE AND AVOID OBJEC	CTS OR	ОВ	STR	JCT	IONS		
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - CORN PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 1200 KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - DRY CHEMICAL-NO GLOVES - USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - ROLLING SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPOR									
- 1750	DEPARTURE CAREY, O TYPE OF A	NR.SYCAMORE, OH 20 IRPORT - TONG FARM POINT H CCIDENT D WITH TREES	INTENDED DESTINATION LOCAL		Р	HAS	≣ 0	COMMERCIAL AERIAL APPLICATION F OPERATION IGHT PULLUP FROM SWATI		
	PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS									
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 300 KIND OF CROP - BEANS CRASH HELMET - AVAILABLE USED ELEVATION-AREA BEING TREATED-FEET - 800 REMARKS- DURING SWATH RUN, PILOT LOOKED TO SEE WHER					PI TEI SW	LOT RRA ATH	'S SEAT BELT - NOT FAS' IN-TYPE - LEVEL,FLAT RUN-HOW FLOWN - UNKNOI	TENED WN/NOT REPORTED	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ	JRIES		FLIGHT	PILOT DATA
		·ALGER • OH		CR- (COMMERCIAL, AGE 46, 5060 TOTAL HOURS, 1300 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE PO	TNIC	NATED •					
	TYPE OF ACC		LOCAL				F OPERATION IGHT SWATH RUN	
	PROBABLE CAU		O TO SEE AND AVOID OBJE	CTS OR C	BSTRI	JC T	IONS	
	KIND OF CF PILOT'S SI GDGGLES - COCKPIT CF TANK/HOPPE ELEVATION-	RS IN CROP CONTU ROP — BEANS EAT BELT — FASTU USED RASHPAD — INSTAL ER-LOCATION — FO -AREA BEING TREA	ENED-PROPERLY	·	TYF GLO CR A CR A	PE (DVE: ASH ASH RRA]	OF OPERATION - FERTILIZ DF CHEMICAL USED - UNKN S - NOT USED HELMET - AVAILABLE USE BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CROSSI	NOWN/NOT REPORTED
		-						
3-1834	7/30/79 (TIME - 0950	CHILLICOTHE, OH	SIKORSKY S-55C N509Y DAMAGE-DESTROYED	CR- O	1 0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 40, 2204 TOTAL HOURS, 277 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE PO	DINT	INTENDED DESTINATION					
	TYPE OF ACC	IDENT VITH WIRES/POLE					F OPERATION IGHT SWATH RUN	
	PROBABLE CAU		O TO SEE AND AVOID OBJE	CTS OR C	BSTRU	JC T	IONS	
	KIND OF CF PILOT'S SE GOGGLES - COCKPIT CR TANK/HOPPE	RS IN CROP CONTR ROP — BEANS EAT BELT — FASTE USED RASHPAD — NOT IN ER-LOCATION — BE -AREA BEING TREA	OL - UNKNOWN/NOT REPOR NED-PROPERLY ISTALLED ELLY ITED-FEET - 610		TYF GLO CR A CR A TEF	PE (OVES ASH ASH RRA:	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU 5 - USED HELMET - AVAILABLE USE BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - DOWNWI	JID CHEMICAL-NONTOXIC

FILE	DATE LOCATION	AIRCRAFT DATA		F	SM	ΛN	PURPOSE	PILOT DATA	
3-3340	9/27/79 NR.NEW KNOXVILLE.O TIME - 1835		CR-	0	0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL. FL.INSTR	
	DEPARTURE POINT NEW KNOXVILLE.OH	INTENDED DESTINATION LOCAL				•			
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATE	ER CONTROLLED					F OPERATION IGHT FLAREOUT FOR S	WATH RUN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED	TO MAINTAIN ADEQUATE F	ROTOR	R.P	.м.		•		
<u>.</u>	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - BEANS PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED-FEET - 900 REMARKS- APRX 1 ACRE OF CROP IN BEAN FLD DESTROYED.								
3-2131	TIME - 1145	PIPER PA-25 N4742Y DAMAGE-SUBSTANTIAL						COMMERCIAL, AGE 43, 1212 VITY TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.	
	DEPARTURE POINT SHARON,OK	INTENDED DESTINATION LOCAL							
	TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH DITCHES PHASE OF OPERATION LANDING ROLL LANDING ROLL								
	PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR MISCELLANEOUS ACTS, CONDIT				, =				

PAGE 198

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MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE

REMARKS- TIRE BLEW OUT DRG LNDG ON ROAD.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	RIES S M/N	FLIGHT PURPOSE		PILOT DATA				
3-2187	5/16/79 TIME - 10	FT.COBB,OK		CR- 0 PX- 0				COMMERCIAL, AGE UNK/NR, 5000 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.				
	DEPARTURE FT.COBB TYPE OF A ENGINE	IRPORT - PRIVATE POINT OK CCIDENT FAILURE OR MALFUNCT D WITH TREES	INTENDED DESTINATION LOCAL	N PHASE OF OPERATION TAKEOFF INITIAL CLIMB LANDING ROLL								
	POWERPL TERRAIN COMPLETE	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND										
	KIND OF PILOT'S GOGGLES CRASH B	OURS IN CROP CONTRO	L - UNKNOWN/NOT REPORT S N/NOT REPORTED		TYPE GLOVI COCK	OF CHEMICAL ES - NOT USE PIT CRASHPAD)	CHEMICAL-TOXIC				
3-0934	5/26/79	CUSHING.OK	CESSNA A188B N8358G DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1 0 0	COMMERCIAL AERIAL APPI	- ICATION	COMMERCIAL, AGE 52, 13000 TOTAL HOURS, 3500 IN TYPE, NOT INSTRUMENT RATED.				
	TYPE OF A	• UK	INTENDED DESTINATION LOCAL ION		IN F	DF OPERATION LIGHT PROCEI ING ROLL	DURE TURNAROUN					
	MISCELL FACTOR(S) TERRAIN COMPLETE	N COMMAND - INADEQU ANEOUS ACTS, CONDITI										
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI PROCEDU	OURS IN CROP CONTRO	IN/NOT REPORTED ED WARD OF PILOT ED-FEET - 930		KIND TYPE GLOV CRASI CRAS TERR	OF CHEMICAL ES - NOT USE(H HELMET - AN H BAR - INSTA NIN-TYPE - RO) /AILABLE-NOT U: ALLED	CHEMICAL-TOXIC				

FILE	DATE		AIRCRAFT DATA						PILOT DATA
3 - 1581	5/28/79 NR TIME - 1045	.PERKINS.OK							COMMERCIAL, FL.INSTR., AGE 23, 1515 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
	STILLWATE TYPE OF ACC ENGINE FA	R•OK			P	ΙN	FL3	F OPERATION GHT SWATH RUN NG ROLL	
	TERRAIN - PARTIAL POW	T - MISCELLANEOU · HIGH VEGETATION ER LOSS - PARTIA	S POWERPLANT FAILURE F L LOSS OF POWER - 1 ENG ORCED LANDING OFF AIRPO	INE			NE) REASONS	
	KIND OF COPILOT'S SOUGGLES - COCKPIT COCCPIT COCKPIT COCKPIT COCCPIT COCCPIT COCKPIT COCCPIT C	RS IN CROP CONTR ROP - GRAIN FIEL EAT BELT - UNKNO	DS WN/NOT REPORTED STALLED RWARD OF PILOT			TYP GLO CRA CRA	PE I IVES ASH ASH ASH ARA	OF OPERATION - SPRAYINDE CHEMICAL USED - LIQ S - NOT USED HELMET - AVAILABLE US BAR - INSTALLED IN-TYPE - LEVEL,FLAT RUN-HOW FLOWN - WIND	UID CHEMICAL-TOXIC
3 – 0927	5/29/79 TIME - 0940		PIPER PA-25 N8624L DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 .	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 31, 3450 TOTAL HOURS, 918 IN TYPE, NOT INSTRU- MENT RATED.
	TONKAWA,O TYPE OF ACC ENGINE FA NOSE OVER	K IDENT ILURE OR MALFUNG /DOWN		,		ΙN	FL	OPERATION IGHT PROCEDURE TURNAR IG ROLL	
	PROBABLE CA POWERPLAN TERRAIN - COMPLETE PO	T - MISCELLANEOU ROUGH/UNEVEN WER LOSS - COMPL IRCUMSTANCES - F	S POWERPLANT FAILURE F ETE ENGINE FAILURE/FLAM ORCED LANDING OFF AIRPO	EOUT-	1 E	NGI		O REASONS	
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED TERRAIN-TYPE - LEVEL,FLAT SWATH RUN-HOW FLOWN - CROSSWIND					TAI	PE (DF OPERATION - SPRAYIN DF CHEMICAL USED - LIQ HOPPER-LOCATION - FORW TION-AREA BEING TREATE DURE TURNAROUND - ENTR	UID CHEMICAL-TOXIC ARD OF PILOT D-FEET - 965

FILE	_	LOCATION	AIRCRAFT DATA	_	=	C N	/N	FLIGHT PURPOSE	PILOT DATA	
		CHOUTEAU, OK	PIPER PA-25 N7161Z DAMAGE-DESTROYED	CR — PX —	0	0	1 0	COMMERCIAL AERIAL APPLICATION	PRIVATE,FL.INSTR., AGE 25, 1116 TOTAL HOURS, 500 IN TYPE, INSTRUMENT	
	DEPARTURE CHOUTEA TYPE OF A	IRPORT - PRYOR POINT U∙OK CCIDENT D WITH WIRES/POLE	INTENDED DESTINATION LOCAL	RATED. PHASE OF OPERATION IN FLIGHT CLEANUP SWATH						
	FACTOR(S)	N COMMAND - FAILED	TO SEE AND AVOID OBJEC	CTS OR	. ОВ	STR	UC T	IONS		
	KIND OF PILOT'S COCKPIT TANK/HO	ATA OURS IN CROP CONTR CROP - GRAIN FIEL SEAT BELT - FASTE CRASHPAD - INSTAL PPER-LOCATION - FO ON-AREA BEING TREA	DS NED-PROPERLY LED IRWARD OF PILOT		(PE ASH ASH RRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQUI HELMET - AVAILABLE USED BAR - INSTALLED IN-TYPE - LEVEL,FLAT RUN-HOW FLOWN - CROSSWI	D CHEMICAL-TOXIC	
3-2520	TIME - 06 DEPARTURE COWETA, OI TYPE OF A	POINT K CCIDENT FAILURE OR MALFUNC	DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL			HAS IN	E O	COMMERCIAL AERIAL APPLICATION F OPERATION IGHT PULLUP FROM SWATH NG ROLL	COMMERCIAL, AGE 27, 474 TOTAL HOURS, 120 IN TYPE, NOT INSTRUMENT RATED.	
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) TERRAIN - HIGH VEGETATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - UNKNOWN/NOT REPORTED PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED CRASH BAR - INSTALLED SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED									

FILE	<u></u>	AIRCRAFT DATA			PILOT DATA							
3-3255	7/10/79 CLINTON,OK TIME - 1745	PIPER PA-25	CR- 0 0 1	COMMERCIAL	COMMERCIAL, AGE 25, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.							
	DEPARTURE POINT CLINTON,OK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNC COLLIDED WITH TREES	LOCAL	PHASE OF OPERATION IN FLIGHT PULLUP FROM SWATH RUN LANDING LEVEL OFF/TOUCHDOWN									
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS											
3-2371	7/27/79 HOLLIS.OK TIME - 0815	PIPER PA-25 N7756Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 42, 5300 TOTAL HOURS, 3000 IN TYPE, NOT INSTRUMENT RATED.							
	DEPARTURE POINT HOLLIS.OK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNG GEAR COLLAPSED	INTENDED DESTINATION LOCAL	IN F	OF OPERATION LIGHT PULLUP FROM SWAT NG ROLL								
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOU FACTOR(S) TERRAIN - ROUGH/UNEVEN MISCELLANEOUS ACTS, CONDIT MISCELLANEOUS ACTS, CONDIT COMPLETE POWER LOSS - COMPLEMERGENCY CIRCUMSTANCES - F	IONS — INTENTIONAL GROU IONS — OVERLOAD FAILURE ETE ENGINE FAILURE/FLAM	UND-WATER-LOOP- E MEOUT-1 ENGINE									
	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 3000 KIND OF CROP - COTTON PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 1500 PROCEDURE TURNAROUND - ENTRY TO PROCEDURE TURN KIND OF OPERATION - SPRAYING CROPS KIND OF OPERATION - SPRAYING CROPS CROPS CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT SWATH RUN-HOW FLOWN - UNKNOWN/NOT REPORTED											

`FILE		LOCATION	AIRCRAFT DATA					PILOT DATA				
	8/6/79 TIME - 0730	BOISE CITY,OK	PIPER PA-25 N9580P DAMAGE-SUBSTANTIAL	CR- (0 0	1 0	COMMERCIAL ASSOC CROP CTL ACTIVI	COMMERCIAL, AGE 37, 1029 TY TOTAL HOURS, 305 IN TYPE, NOT INSTRUMENT RATED.				
		RPORT - BOISE CITY POINT	INTENDED DESTINATION									
	BOISE CIT		LOCAL		D	. . .	5 0050 ATTON					
	TYPE OF ACCIDENT PHASE OF OPERATION STALL MUSH TAKEOFF INITIAL CLIMB											
	PILOT IN MISCELLAN FACTOR(S)	COMMAND - FAILED COMMAND - IMPROPE	TO OBTAIN/MAINTAIN FLY R OPERATION OF POWERPL NEUVER TO AVOID COLLIS S	ANT & F		RPLA	NT CONTROLS					
	2/23/79 NF TIME - 1445	R.SPRINGFIELD.OR						COMMERCIAL, AGE 28, 2587 TY TOTAL HOURS, 124 IN TYPE,				
			DAMAGE CURCTANTIAL		, 0	U	ASSOC CROP CIE ACTIVI	NOT INSTRUMENT RATED.				
	DEPARTURE P	TAIO'	INTENDED DESTINATION									
	TYPE OF ACC COLLIDED ROLL OVER	D+OR IDENT WITH OBJECT	LOUAL		L	ANUI	F OPERATION NG POWER-ON LANDING NG POWER-ON LANDING					
	PROBABLE CAUSE(S)											
	PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - MISJUDGED CLEARANCE											
	FACTOR(S) WEATHER -	- LOW CEILING	•									
	WEATHER -	_	NT DEDODTED									
	WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED											
	EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT ADVERSE/UNFAVORABLE WEATHER											
	SKY CONDIT			•			AT ACCIDENT SITE					
		BSCURATION AT ACCIDENT SITE					WN/NOT REPORTED TATION AT ACCIDENT SIT	E .				
	1/2 MILE		CIDENT CITE			NIA	TUDE E					
		NS TO VISION AT AC	CIDENI SITE		1 EMI		TURE-F					
		TION-DEGREES		WIND VELOCITY-KNOTS								
		ATHER CONDITIONS			TYPI	E OF	FLIGHT PLAN					
	IFR	ADTV SLING LOAD DU	CKET CAUGHT ON SKID. N	IO ENC A		ONE	TON FOUND					

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR F	IES S M/N	FLIGHT PURPOSE	PILOT DATA				
3-0570	3/24/79	FRIEND OR	HILLER ACET UH-12E	CR- 0 PX- 0	0 1	COMMERCIAL	COMMERCIAL, AGE 52, 13762 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.				
200 mm o 200	TYPE OF AC	'K .	INTENDED DESTINATION LOCAL			OF OPERATION LIGHT SWATH RUN	KATEU.				
Security of the second	FACTOR(S) TERRAIN		TO SEE AND AVOID OBJEC	CTS OR O	STRUC	TIONS					
	SPECIAL DA TOTAL HO KIND OF PILOT'S GOGGLES COCKPIT	URS IN CROP CONTRO CROP - GRAIN FIELD SEAT BELT - UNKNOW - NOT USED CRASHPAD - NOT INS	DL - 9999 DS : WN/NOT REPORTED STALLED		CRAS CRAS TERR	OF OPERATION - SPRAYI OF CHEMICAL USED - LI ES - NOT USED H HELMET - AVAILABLE U H BAR NOT INSTALLED AIN-TYPE - ROLLING H RUN-HOW FLOWN - WIND	QUID CHEMICAL-NONTOXIC				
3-1767	TIME - 073 NAME OF AI DEPARTURE	RPORT - INDEPENDE POINT	HILLER ACFT UH-12E N161HA DAMAGE-SUBSTANTIAL NCE INTENDED DESTINATION LOCAL				COMMERCIAL, AGE 28, 2200 TOTAL HOURS, 700 IN TYPE, NOT INSTRUMENT RATED.				
	TYDE OF AC	CIDENT		F	HASE (TAKE IN F	OF OPERATION OFF INITIAL CLIMB LIGHT UNCONTROLLED DE	SCENT				
	PROPELLER/ROTOR FAILURE MAIN ROTOR PROPELLER/ROTOR FAILURE MAIN ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES MAIN ROTOR HEAD ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - CORRODED/CORROSION MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE MISCELLANEOUS ACTS, CONDITIONS - DISCONNECTED FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE MAINTENANCE AND INSPECTION MISCELLANEOUS ACTS, CONDITIONS - LOAD NOT JETTISONED										
	SPEGIAL DA TOTAL HO KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO	SPECIAL-DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - BELLY ELEVATION-AREA BEING TREATED-FEET - 160 KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL, FLAT									
	REMARKS- INCIDENCE PUSH ROD END BEARING FAILED AT OUTER SHELL DRG TRANSLATION LIFT.										
				PAGE 2	04						

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUF F	RIES	/N	FLIGHT PURPOSE		PILOT DATA
	5/12/79 TIME - 10	FOX•OR D30		CR- 0 PX- 0					COMMERCIAL, AGE 35, 668 TOTAL HOURS, 118 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF A		LUCAL	F			F OPERATION FF INITIAL	CLIMB	
	PROBABLE PILOT I		TO OBTAIN/MAINTAIN FL	YING SPEE	D				
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI	HOURS IN CROP CONTF CROP — PASTURE S SEAT BELT — UNKNO S — NOT USED T CRASHPAD — INSTAL DPPER—LOCATION — FO ION—AREA BEING TREA	LED RWARD OF PILOT	TED	TY GL CR CR	PE OVE ASH ASH	OF CHEMICAL S - USED	AILABLE USED LLED	G (DUST) EMICAL-NONTOXIC
3-1207	5/18/79 TIME - 05	NR.ISLAND CITY.OR					COMMERCIAL AERIAL APPL		COMMERCIAL, FL.INSTR., AGE 34, 4521 TOTAL HOURS. 103 IN TYPE, NOT INSTRU-
•	LA GRAN TYPE OF A	NDE•OR ACCIDENT ED WITH WIRES/POLE	INTENDED DESTINATION LOCAL	F		_	OPERATION	RUN	MENT RATED.
	PROBABLE PILOT I		TO SEE AND AVOID OBJEC	CTS OR OE	STR	U C T	IONS .		
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO		WN/NOT REPORTED ISTALLED LLY	ΓED	TY GL CR CR TE	PE OVE ASH ASH RRA	DF CHEMICAL S - USED HELMET - AV BAR - NOT I [N-TYPE - LE	AILABLE USED NSTALLED	CHEMICAL-NONTOXIC

FILE			AIRCRAFT DATA			S M	/N	FLIGHT PURPOSE	PILOT DATA		
3-1206	5/25/79 N TIME - 104	JR•HELIX•OR -5	AERO COMDR S2R N4999X DAMAGE-SUBSTANTIAL	CR- PX-		0	1		COMMERCIAL, AGE 58, 10400		
•	DEPARTURE POINT INTENDED DESTINATION PENDLETON, OR LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT PULLUP FROM SWATH RUN GEAR COLLAPSED LANDING LEVEL OFF/TOUCHDOWN										
·	MISCELLA FACTOR(S) TERRAIN MISCELLA COMPLETE P	NT - ENGINE STRUC NEOUS ACTS, CONDIT - ROUGH/UNEVEN NEOUS ACTS, CONDIT OWER LOSS - COMPL	TURE CYLINDER ASSEMBLY IONS - MATERIAL FAILURE IONS - OVERLOAD FAILURE ETE ENGINE FAILURE/FLAM ORCED LANDING OFF AIRPO	EOUT-:	E		ΝE				
	- KIND OF PILOT 'S GOGGLES COCKPIT TANK/HOP ELEVATIO	URS IN CROP CONTR CROP - GRAIN FIEL SEAT BELT - UNKNO - USED CRASHPAD - INSTAL	WN/NOT REPORTED . LED RWARD OF PILOT TED-FEET - 1500			GL CR CR TE	PE (DVE ASH ASH RRA]	OF OPERATION - SPRAYING DF CHEMICAL USED - LIQU S - NOT USED HELMET - AVAILABLE USE BAR - INSTALLED IN-TYPE - ROLLING RUN-HOW FLOWN - WIND	JID CHEMICAL-NONTOXIC		

FILE	DATE	LOCATION	AIRCRAFT DATA	F	URIES S M/	N-	FLIGHT PURPOSE	PILOT DATA
	6/1/79 TIME - 0910	BURNS • OR	PIPER PA-25 N4753Y DAMAGE-SUBSTANTIAL	CR-	0 1	0	O COMMERCIAL O AERIAL APPLICATION	COMMERCIAL, AGE 39, 9030 TOTAL HOURS, 4500 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE P	DINT	INTENDED DESTINATION LOCAL					
	TYPE OF ACC	ILURE OR MALFUN			IN	FL	F OPERATION IGHT SWATH RUN NG LEVEL OFF/TOUCHD	DOWN
	MISCELLAN PILOT IN FACTOR(S) MISCELLAN MISCELLAN COMPLETE PO	- MAINTENANCE, EQUS ACTS, CONDI COMMAND - IMPRO EQUS ACTS, CONDI EQUS ACTS, CONDI WER LOSS - COMP	SERVICING, INSPECTION INTIONS - FUEL CONTAMINATIONS - EVEL OFF TIONS - OVERLOAD FAILUR TIONS - JETTISONED LOAD LETE ENGINE FAILURE/FLAIFORCED LANDING OFF AIRPO	ION-EXC E MEOUT-1	LUSIVE	OF) CREW)
	SPECIAL DAT TOTAL HOU KIND OF C PILOT'S S GOGGLES — COCKPIT C TANK/HOPP ELEVATION REMARKS— SP	TED	TYP GLO CRA CRA	E C IVE: SH SH	OF OPERATION - DEFOL OF CHEMICAL USED - L S - NOT USED HELMET - AVAILABLE BAR - INSTALLED N-TYPE - LEVEL,FLAT	IQUID CHEMICAL-NONTOXIC USED		
			•					
- 2471	6/7/79 NR TIME - 1730		DAMAGE-DESTROYED				COMMERCIAL ASSOC CROP CTL ACTI	COMMERCIAL, AGE 42, 3000 VITY TOTAL HOURS, 14 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE P		INTENDED DESTINATION LOCAL					
	TYPE OF ACC GROUND-WA NOSE OVER	TER LOOP-SWERVE			LAN	DI	OPERATION NG ROLL IG ROLL	
	FACTOR(S)	COMMAND - IMPRO	PER OPERATION OF BRAKES		FLIGH	IT (CONTROLS	
	PILOT IN							

DATE LOCATION		F	S M/N	PURPOSE	PILOT DATA				
7/18/79 NR.EMBLER.OR TIME - 0645	BELL 47G	CR- 0	0 1	COMMERCIAL	COMMERCIAL, FL.INSTR., Y AGE 27, 5128 TOTAL HOURS, 932 IN TYPE, NOT INSTRU-				
DEPARTURE POINT EMBLER.OR	INTENDED DESTINATION LOCAL								
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE NOSE OVER/DOWN	MAIN ROTOR		IN FL	F OPERATION IGHT EN ROUTE TO RELOAI NG LEVEL OFF/TOUCHDOWN					
MISCELLANEOUS ACTS, COND MISCELLANEOUS ACTS, COND FACTOR(S) PILOT IN COMMAND - INADE TERRAIN - WET, SOFT GROU	PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLÍES MAIN ROTOR BLADES MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS,CONDITIONS - VIBRATION,EXCESSIVE								
KIND OF CROP - FRUIT ORG	TENED-PROPERLY INSTALLED FATED-FEET - 2700		TYPE GLOVE CRASH	OF OPERATION - SPRAYING OF CHEMICAL USED - LIOU S - NOT USED HELMET - AVAILABLE USE BAR - NOT INSTALLED	ID CHEMICAL-NONTOXIC				

			BRIEF	, O		22.113						
LE	DATE	LOCATION	AIRCRAFT DATA	I١	JUR I F S	ES S M/N	FLIGHT PURPOSE		PILOT DATA			
608		NY SSA.+OR	CESSNA 188	CR-	0	0 1	COMMERCIAL	COMMI IVITY AGE 3 332	COMMERCIAL, FL.INSTR., AGE 37, 3431 TOTAL HOURS, 332 IN TYPE, INSTRUMENT RATED.			
	NAME OF A DEPARTURE NYSSA,O TYPE OF A STALL	R CCIDENT	INTENDED DESTINATION LOCAL				OF OPERATION OFF INITIAL CLIMB					
	PROBABLE PILOT I FACTOR(S)	N COMMAND - FAILED) TO OBTAIN/MAINTAIN FLY	ING S	PEEC)						
	WEATHER WEATHER B	N COMMAND — FAILED — HIGH DENSITY AN RIEFING — NO RECOR ORECAST — FORECAS										
	SKY CONDITION . CEILING AT ACCIDENT SITE											
		Y AT ACCIDENT SITE	<u> </u>		6000 PRECIPITATION AT ACCIDENT SITE							
		ER (UNLIMITED) ONS TO VISION AT A	ACCIDENT SITE		NONE TEMPERATURE-F							
	NONE					89	ATORE T					
	WIND DIRE	CTION-DEGREES				ND VE						
	TYPE OF W VFR			PE OF NONE	FLIGHT PLAN							
	SPECIAL D	ATA										
	KIND OF PILOT'S GOGGLES COCKPIT	CROP - POTATOES SEAT BELT - UNKNO - NOT USED CRASHPAD - INSTAL		rED		TYPE GLOVE CRASH CRASH	OF OPERATION - SPRA OF CHEMICAL USED - I ES - NOT USED I HELMET - AVAILABLE I BAR - INSTALLED IN-TYPE - LEVEL, FLA	USED CHEMIC	CAL-TOXIC			
		ON—AREA BEING TREA LOAD PARTLY JETTIS										

FILE	DATE LOCATIO		INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA					
3-3096	8/16/79 NR.HERMISTON, TIME - 1030	OR AERO COMDR S-2R '	CR- 0 1 0	COMMERCIAL	ATP,FLIGHT INSTR., AGE TY 33, 9902 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT RATED.					
	DEPARTURE POINT HERMISTON OR TYPE OF ACCIDENT ENGINE FAILURE OR MA NOSE OVER/DOWN	INTENDED DESTINATION LOCAL LFUNCTION	PHASE OF OPERATION IN FLIGHT EN ROUTE TO TREAT CROP LANDING ROLL							
	MISCELLANEOUS ACTS, CI FACTOR(S) TERRAIN - WET, SOFT GI PARTIAL POWER LOSS - P	STRUCTURE VALVE ASSEMBLIES DNDITIONS - MATERIAL FAILURE ROUND ARTIAL LOSS OF POWER - 1 ENG S - FORCED LANDING OFF AIRPO	SINE .							
	SPECIAL DATA TOTAL HOURS IN CROP KIND OF CROP — POTATI PILOT'S SEAT BELT — GOGGLES — USED COCKPIT CRASHPAD — I TANK/HOPPER—LOCATION ELEVATION—AREA BEING REMARKS— NR 7 INTAKE V.	DES UNKNOWN/NOT REPORTED NSTALLED - FORWARD OF PILOT TREATED-FEET - 635	TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - SPRAYIN OF CHEMICAL USED - LIQ S - USED HELMET - AVAILABLE US BAR - INSTALLED IN-TYPE - LEVEL, FLAT I RUN-HOW FLOWN - WIND	UID CHEMICAL-TOXIC ED					
3 - 1592	8/21/79 NR.ADRIAN, OR TIME - 0845	PIPER PA-25 N67217 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 50, 3500 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.					
	DEPARTURE POINT ADRIAN.OR TYPE OF ACCIDENT COLLIDED WITH BUILD	INTENDED DESTINATION LOCAL ING(S)		F OPERATION . IGHT SWATH RUN						
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - SUNGLARE									
	ELEVATION-AREA BEING	UNKNOWN/NOT REPORTED	TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - DEFOLIA OF CHEMICAL USED - LIQ S - NOT USED H HELMET - AVAILABLE US BAR - INSTALLED INN-TYPE - LEVEL+FLAT RUN-HOW FLOWN - WIND	UID CHEMICAL-NONTOXIC					

			BK16F3	OF AC			15					
FILE			AIRCRAFT DATA			C 1	/ NI	DUDDOCE		PILOT DATA		
3-3098		R.MILL CITY,OR	OR AEROSPATLE SA315B CR- 0 0 1 COMMERCIAL N55963 PX- 0 0 0 ASSOC CROP CTL ACTIV DAMAGE-SUBSTANTIAL		AIRLINE TRANSPORT, AGE							
	DEPARTURE MILL CITY TYPE OF AC	• OR	INTENDED DESTINATION LOCAL PHASE OF OPERATION									
	PERSONNE SPECIAL DA' TOTAL HO KIND OF (PILOT'S GOGGLES - COCKPIT TANK/HOPI	PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) PER SONNEL - MISCELLANEOUS-PERSONNEL GROUND CREWMAN SPECIAL DATA TOTAL HOURS IN CROP CONTROL - UNKNOWN/NOT REPORTED KIND OF CROP - FOREST-TREES PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - SLING LOADED REMARKS- M/R BLADES HIT TRACTOR BUCKET DURING FERTILIZER BUCKET REPAIR OPNS.										
3-0682	5/6/79 TIME - 114	WEATHERLY,PA 5	BELL 47G N73979 DAMAGE-SUBSTANTIAL					COMMERCIAL FIRE CONTROL		COMMERCIAL, FL.INSTR., AGE 32, 2147 TOTAL HOURS 210 IN TYPE, NOT INSTRU-		
	WEATHERLY TYPE OF AC	Y • P A	INTENDED DESTINATION LOCAL		Ρ			F OPERATION		MENT RATED.		
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER											

PAGE 211

REMARKS- DURING FIRE PATROL OPERATIONS HELICOPTER COLLIDED WITH UNMARKED CABLE AND CRASHED IN RIVER

FILE	DATE LOCATION	AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA				
3 - 1397	6/19/79 HANOVER,PA TIME - 0727	N59326 DAMAGE-SUBSTANTIAL	CR- 0 0 1	COMMERCIAL) AERIAL APPLICATION	COMMERCIAL, AGE 32, 662				
	NAME OF AIRPORT - CORN F DEPARTURE POINT HANOVER.PA TYPE OF ACCIDENT COLLIDED WITH ELECTRO	INTENDED DESTINATION LOCAL		PHASE OF OPERATION IN FLIGHT SWATH RUN					
	PROBABLE CAUSE(S) PILOT IN COMMAND - MIS	JUDGED CLEARANCE							
	SPECIAL DATA TOTAL HOURS IN CROP CO KIND OF CROP - PEAS PILOT'S SEAT BELT - UN GOGGLES - USED COCKPIT CRASHPAD - NOT TANK/HOPPER-LOCATION - ELEVATION-AREA BEING	NKNOWN/NOT REPORTED TINSTALLED SIDES	TYPE GLOV - CRAS CRAS TERR	OF OPERATION - SPRAY OF CHEMICAL USED - L 'ES - NOT USED H HELMET - AVAILABLE- H BAR - NOT INSTALLED AIN-TYPE - ROLLING H RUN-HOW FLOWN - WIN	IQUID CHEMICAL-TOXIC				
3-1917	7/30/79 BARNESBORO,PA	HUGHES 300C N8641F DAMAGE-DESTROYED		COMMERCIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 33, 3817 TOTAL HOURS, 175 IN TYPE, NOT INSTRU- MENT RATED.				
	DEPARTURE POINT BENSBURG•PA TYPE OF ACCIDENT COLLIDED WITH WIRES/F	INTENDED DESTINATION LOCAL POLES		OF OPERATION LIGHT PROCEDURE TURN					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FA	[LED TO SEE AND AVOID OBJEC	CTS OR OBSTRUC	CTIONS					
	SPECIAL DATA TOTAL HOURS IN CROP CO KIND OF CROP - POTATOR PILOT'S SEAT BELT - FA GOGGLES - NOT USED COCKPIT CRASHPAD - NOT TANK/HOPPER-LOCATION ELEVATION-AREA BEING PROCEDURE TURNAROUND	ES ISTENED-PROPERLY - INSTALLED - AFT OF PILOT IREATED-FEET - 1890	TYPE GLOV CRAS CRAS TERF	OF OPERATION - SPRAY OF CHEMICAL USED - L ES - USED H HELMET - AVAILABLE H BAR - NOT INSTALLED (AIN-TYPE - LEVEL, FLAT H RUN-HOW FLOWN - WIN	IQUID CHEMICAL-NONTOXIC USED				

FILE			AIRCRAFT DATA						PILOT DATA
3-1959	8/17/79 TIME - 1929	SYCAMORE,SC	BELLANCA 8GCBC N7686S DAMAGE-DESTROYED	CR – PX –	0 0	0 0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 29, 1700 TOTAL HOURS, 450 IN TYPE, INSTRUMENT RATED.
	DEPARTURE A SYCAMORE TYPE OF ACC	• SC	INTENDED DESTINATION LOCAL		Р			- OPERATION IGHT STARTING SWATH RUN	
	PROBABLE CA PILOT IN	AUSE(S) COMMAND - MISJUDO	GED CLEARANGE						
	KIND OF (PILOT'S S GOGGLES - COCKPIT (TANK/HOPE	TA URS IN CROP CONTRI CROP — BEANS SEAT BELT — UNKNO - NOT USED CRASHPAD — NOT IN PER-LOCATION — BEI ISPENSING LANATE	WN/NOT REPORTED STALLED LLY			TYF GLO CRA CRA	PE (DVE ISH ISH	DF OPERATION - SPRAYING OF CHEMICAL USED - LIQUID S - NOT USED HELMET - AVAILABLE USED BAR - INSTALLED IN-TYPE - LEVEL,FLAT	
3-2383	NAME OF AIR DEPARTURE I GREELEYVI TYPE OF ACC ENGINE FA	RPORT - EPPS FARM POINT LLE,SC	N4508Y DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	PX -	0 P	O HASI IN	0 : 0! FL)	COMMERCIAL ASSOC CROP CTL ACTIVITY OPERATION GHT RETURN TO STRIP OF LEVEL OFF/TOUCHDOWN	COMMERCIAL, AGE 48, 7000 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.
	PROBABLE CA PILOT IN MISCELLAN MISCELLAN COMPLETE PO	AUSF(S) COMMAND - MISMANN NEOUS ACTS, CONDIT NEOUS ACTS, CONDIT DWER LOSS - COMPL	AGEMENT OF FUEL IONS — INATTENTIVE TO F IONS — FUEL EXHAUSTION ETE ENGINE FAILURE/FLAM DRCED LANDING OFF AIRPO	IEOUT-	1 E	NGI	ıe.		
	KIND OF (PILOT'S S GNGGLES - COCKPIT (TANK/HOPF	OL - 700 NED-PROPERLY STALLED KNOWN/NOT REPORTED TED-FEET - 100			TYF GLO CRA CRA	VE OVE SH ASH RAI	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQUID S - NOT USED HELMET - AVAILABLE USED BAR - NOT INSTALLED N-TYPE - LEVEL, FLAT RUN-HOW FLOWN - WIND CAL	CHEMICAL-TOXIC	

			AIRCRAFT DATA	F	S M	/N		PILOT DATA
	8/20/79 TIME - 11 DEPARTURE	TIMMONSVILLE,SC 30 POINT	HILLER UH-12E N121NR DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0	0	1	COMMERCIAL	
	TYPE OF A	VILLE.SC CCIDENT D WITH WIRES/POLES			_		F OPERATION IGHT SWATH RUN	
	FACTOR(S)	N COMMAND - MISJUDG					•	
	SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)				UN PREC	LIM IPI	AT ACCIDENT SITE NITED TATION AT ACCIDENT SIT	E
	OBSTRUCTI NONE	ONS TO VISION AT ACC CTION-DEGREES	CIDENT SITE		90	ER A	TURE-F LOCITY-KNOTS	
	270 TYPE OF W VFR	EATHER CONDITIONS			–		FLIGHT PLAN	
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI	OURS IN CROP CONTROL CROP - BEANS SEAT BELT - UNKNOWS - NOT USED CRASHPAD - NOT INS OPPER-LOCATION - BEL ON-AREA BEING TREAT	N/NOT REPORTED TALLED LY		TY GL CR CR TE	PE OVE ASH ASH RRA	OF OPERATION - SPRAYIN OF CHEMICAL USED - LIO S - NOT USED HELMET - AVAILABLE US BAR - NOT INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - UPWIN	UID CHEMICAL-NONTOXIC
TANK/HOPPER-LOCATION - B ELEVATION-AREA BEING TRE FIRE AFTER IMPACT REMARKS- PIC FLEW UNDER PO			ED-FEET - 149					D

				S UF AL						
FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR	IES		FLIGHT		PILOT DATA
3-2056	9/11/79 NF TIME - 150	R.JOHNSONVILLE,SC O	CALLAIR A-9 N3582G DAMAGE-DESTROYED	CR- PX-	0	0	1 0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 23, 3015 TOTAL HOURS, 95 IN TYPE, INSTRUMENT RATED.
	NAME OF AIR DEPARTURE JOHNSONVII TYPE OF AC FIRE OR E COLLIDED		P							
	FACTOR(S) MISCELLAN	NEOUS - UNDETERMINE NEOUS ACTS.CONDITIO	DNS - FIRE IN CABIN,CO DNS - FIRE OF UNDETER				SE (COMPAR TMENT		
	KIND OF (PILOT'S S CRASH BA	TA JRS IN CROP CONTROL CROP - UNKNOWN/NOT SEAT BELT - NOT FAS R - NOT INSTALLED IMPACT	REPORTED STENED			KIND TYPE COCKF		T CRASHPAD		
3 - 0873	5/22/79 TIME - 082					COMMERCIAL AERIAL APP	LICATION	COMMERCIAL, AGE 43, 10000 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.		
	DEPARTURE POINT INTENDED DESTINATION PIERRE,SD LOCAL TYPE OF ACCIDENT STALL MUSH				P			F OPERATION GHT PROCEI	DURE TURNAROUNI	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) MISCELLANEOUS ACTS.CONDITIONS - LOAD NOT JETTISONED									
	SPECIAL DA TOTAL HOU KIND OF (PILOT'S S GOGGLES COCKPIT (TANK/HOPI ELEVATION PROCEDURI			GLO GR CR CR	PE (DVES ASH ASH RRA	DF CHEMICAL S - USED HELMET - A' BAR - INSTA IN-TYPE - RI	VAILABLE-NOT U: ALLED	CHEMICAL-NONTOXIC		

FILE		LOCATION	AIRCRAFT DATA	INJ F	UR :	IES S M/I	N	FLIGHT PURPOSE	PILOT DATA
3-0944	5/26/79 E TIME - 1700	BLUNT.SD DINT	NA ROCKWELL S-2R N8501V , DAMAGE-MINOR INTENDED DESTINATION LOCAL	CR – PX– OT –	0 0 1	0 (1 (0 A	COMMERCIAL LERIAL APPLICATION	COMMERCIAL, AGE 42, 18000 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.
	TYPE OF ACCI				PI			OPERATION GHT STARTING SWATH RU	N
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE								
	KIND OF CR PILOT'S SE GOGGLES — COCKPIT CR TANK/HOPPE	RS IN CROP CONTR ROP - GRAIN FIEL EAT BELT - FASTE NOT USED RASHPAD - INSTAL ER-LOCATION - FO	DS NED-PROPERLY	·		TYPE GLOV CRAS CRAS	E OF VES SH F SH E RAIN	OPERATION - SPRAYING CHEMICAL USED - LIQU - NOT USED ELMET - AVAILABLE USEG BAR - INSTALLED HTYPE - LEVEL, FLAT RUN-HOW FLOWN - WIND C	ID CHEMICAL-TOXIC
3-0897	6/7/79 (CANISTOTA,SD							COMMERCIAL, FL.INSTR.,
	TIME - 2120		N9329F DAMAGE-SUBSTANTIAL	PX-	0	0 (O #	ERIAL APPLICATION	AGE 30, 2221 TOTAL HOURS, 340 IN TYPE, INSTRUMENT RATED.
	CANISTOTA. TYPE OF ACCI	SD	INTENDED DESTINATION LOCAL MAIN ROTOR					OPERATION . SHT SWATH RUN	•
	PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM ENGINE DRIVE SHAFT MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE								
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1500 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 1600 REMARKS- SPLINES ON LOWER DRIVE SHAFT, P/N269A550					TYPE GLO' CRAS CRA TERE SWA	E OF VES SH F SH I RAIM	F OPERATION - SPRAYING CHEMICAL USED - LIQU - NOT USED BELMET - AVAILABLE USEBAR - NOT INSTALLED BTYPE - LEVEL, FLAT RUN-HOW FLOWN - CROSSW BRS TOTAL ON FAILED PA	ID CHEMICAL-NONTOXIC D IND

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	UR I S	ES M/N	N	FLIGHT PURPOSE	PILOT DATA		
3-1433	7/15/79 TIME - 181 DEPARTURE	BELVIDERE,SD 5 POINT	PIPER PA-25 N8628L DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX-	0 0	0 :	1 COI O AEI	MMERCIAL RIAL APPLICATION	COMMERCIAL, AGE 36, 1293 TOTAL HOURS, 625 IN TYPE, NOT INSTRUMENT RATED.		
	TYPE OF AC	CIDENT AILURE OR MALFUNG	•	PHASE OF OPERATION IN FLIGHT STARTING SWATH RUN LANDING LEVEL OFF/TOUCHDOWN							
	MISCELLA FACTOR(S) MISCELLA COMPLETE P	NT - ENGINE STRUC NEOUS ACTS, CONDI NEOUS - SMOKE IN OWER LOSS - COMPL	CTURE MASTER AND CONNE TIONS - MATERIAL FAILUR COCKPIT LETE ENGINE FAILURE/FLA FORCED LANDING OFF AIRP	E MEOUT-1	EN		E				
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO	URS IN CROP CONTE CROP - GRAIN FIEL SEAT BELT - FASTE - NOT USED CRASHPAD - INSTAL PER-LOCATION - FO N-AREA BEING TREA	LDS ENED-PROPERLY	·		TYPI GLOV CRAS TERF	E OF OVES - SH HEI SH BAF RAIN-	DPERATION - SPRAY) CHEMICAL USED - L: NOT USED LMET - AVAILABLE-N R - INSTALLED TYPE - ROLLING N-HOW FLOWN - CROS	IQUID CHEMICAL-NONTOXIC		
3-1356			PIPER PA-36 N9956P DAMAGE-DESTROYED INTENDED DESTINATION	CR- PX-	0	o :	1 COI O AEF	MMERCIAL RIAL APPLICATION	COMMERCIAL, AGE 21, 719 TOTAL HOURS, 375 IN TYPE, INSTRUMENT RATED.		
	HAYES,SD TYPE OF AC		LOCAL					PERATION T SWATH RUN			
	PROBABLE C		TED ATTENTION FROM OPER	ATION O	FΔ	IRCE	RAFT				
	SPECIAL DA TOTAL HO KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP ELEVATIO		,	TYPE GLOV CRAS TERF	E OF (VES — SH HEI SH BAF RAIN—		IQUID CHEMICAL-TOXIC				

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR	IES S M	/ N	PURPOSE	PILOT DATA
		ASHTON, SD						COMMERCIAL ASSOC CROP CTL ACTIVITY	
	DEPARTURE ASHTON, SI		INTENDED DESTINATION						•
	TYPE OF AC	CIDENT ATER LOOP-SWERVE			P	LA	NDI	OF OPERATION NG ROLL NG ROLL	
	PROBABLE C PILOT IN FACTOR(S)		TO MAINTAIN DIRECTIONA	L CONT	RO	L			
		COMMAND - PHYSIC ISION PROBLEM.	AL IMPAIRMENT						
				7					
3-0362	3/9/79 TIME - 170	RIDGELY,TN O	PIPER PA-25 N4381Y DAMAGE-SUBSTANTIAL	PX-					COMMERCIAL, FL.INSTR., AGE 34, 1419 TOTAL HOURS 300 IN TYPE, INSTRUMENT RATED.
		RPORT - CAT CORNE POINT	R STRIP INTENDED DESTINATION						
	RIDGELY,		LOCAL		_				
	COLLIDED	WITH OBJECT			Р			F OPERATION OFF ABORTED	
		COMMAND - SELECT	ED UNSUITABLE TERRAIN D ACTION IN ABORTING TA	KEOFF				•	
	MISCELLA		ES — AIRPORT CONDITIONS IONS — RAN OFF END OF R NS		FR	UNW	ΔY		
	KIND OF PILOT'S CRASH BA TERRAIN-	JRS IN CROP CONTR CROP - GRAIN FIEL SEAT BELT - FASTE R - INSTALLED TYPE - LEVEL∙FLAT	NED-PROPERLY			TY CO TA EL	PE CKP NK/ EVA	OF OPERATION - FERTILIZION OF CHEMICAL USED - DRY CONTROLLED INSTALLED CHOPPER-LOCATION - FORWAR ITION-AREA BEING TREATED-1	HEMICAL-NONTOXIC D OF PILOT

										**
FILE	DATE	LOCATION	AIRCRAFT DATA			S M	/N	PURPOSE		PILOT DATA
3-1445	4/10/79 TIME - 1	NR.NEWBERN.TN 745	GRUMMAN G-164 N6604 DAMAGE-SUBSTANTIAL			0	1	COMMERCIAL		COMMERCIAL, AGE 20, 1186 TOTAL HOURS, 67 IN TYPE, NOT INSTRUMENT RATED.
		AIRPORT - LOCAL ROA								
	DEPARTUR	E POINT	INTENDED DESTINATION							
	NEWBERN	• • • • • • • • • • • • • • • • • • • •	LOCAL							
		ACCIDENT			P			OPERATION		
		FAILURE OR MALFUNC						F INITIAL		
	COLLIS	ION WITH GROUND/WAT	TER CONTROLLED			LA	NDIN	IG LEVEL O	FF/TOUCHDOWN	
	POWERP MISCEL FACTOR(S PILOT COMPLETE	LANEOUS ACTS, CONDIT) IN COMMAND - IMPROF POWER LOSS - COMPL	TURE BLOWER, IMPELLER A TIONS - MATERIAL FAILURI PER STARTING PROCEDURES ETE ENGINE FAILURE/FLAM FORCED LANDING OFF AIRPO	E 1EOUT-	1 E		-			
	SPECIAL TOTAL	DATA HOURS IN CROP CONTR	DL - 600			ΚI	ם מע	F OPFRATIO	N - DUSTING CR	OPS
		F CROP - GRAIN FIEL								HEMICAL-NONTOXIC
		S SEAT BELT - UNKNO	WN/NOT REPORTED.					- NOT USE		
		S - NOT USED		CRASH HELMET - AVAILABLE USED						
		T CRASHPAD - INSTAL						BAR - INSTA		
		OPPER-LOCATION - FO ION-AREA BEING TREA	RWARD OF PILOT					N-TYPE - LI	EVEL•FLAI OWN - UNKNOWN/	NOT PEROPIED
		BLOWER BEARING FAI				3 W	4.111	NON-HOW FL	OHIN - CINVINOMIN	NOT KEROKTED
	ILL HARRIS	SESSER SEARING FAI	LONE OH THOI							

FILE	DATE	LOCATION		IN	JUR F	RIES S M	/N	FLIGHT PURPOSE	PILOT DATA		
	6/21/79 TIME - 10 DEPARTURE COVINGT	COVINGTON,TN 30 POINT ON,TN	PIPER PA-25	CR- PX-	0	0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 386 TOTAL HOURS, 18 IN TYPE, INSTRUMENT RATED.		
		CCIDENT D WITH DIRT BANK						F OPERATION IGHT CLEANUP SWATH			
	FACTOR(S)	N COMMAND - MISJUD	GED ALTITUDE AND CLEAR	ANCE							
	SKY CONDI CLEAR	TION			C			AT ACCIDENT SITE			
	VISIBILIT 5 OR OV	Y AT ACCIDENT SITE ER(UNLIMITED) ONS TO VISION AT A				REC NO TEMP	IPI NE ERA	TATION AT ACCIDENT SITE TURE-F			
	_	CTION-DEGREES			4			LOCITY-KNOTS			
	180 TYPE OF W VFR	EATHER CONDITIONS			1	8 FYPE NO		FLIGHT PLAN			
	TOTAL H KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 18 KIND OF CROP - OTHER PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 260 REMARKS- PILOT WAS FLYING UNDER POWER LINE WIRES				TY GL CR CR TE	PE OVE ASH ASH RRA	OF OPERATION - OTHER OF CHEMICAL USED - LIGG S - NOT USED HELMET - AVAILABLE USE BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CROSSE	USED - LIQUID CHEMICAL-TOXIC AILABLE USED LLED VEL,FLAT		
3 - 2790	TIME - 20	08	GRUMMAN G-164 N740Y DAMAGE-DESTROYED	CR- PX-	0	0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 35, 1500 TOTAL HOURS, 133 IN TYPE, NOT INSTRUMENT RATED.		
	01100011		INTENDED DESTINATION LOCAL								
	TYPE OF A COLLIDE	CCIDENT D WITH TREES			F			F OPERATION IGHT STARTING SWATH RI	UN		
	PROBABLE PILOT I	CAUSE(S) N COMMAND - MISJUD	GED CLEARANCE								
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO	ATA IOURS IN CROP CONTR CROP - BEANS SEAT BELT - FASTE - USED CRASHPAD - NOT IN PPER-LOCATION - FO ON-AREA BEING TREA	NED-PROPERLY STALLED RWARD OF PILOT			TY GL CR CR TE	PE OVE ASH ASH RRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIGU S - USED HELMET - AVAILABLE USE BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CROSSI	JID CHEMICAL-TOXIC		

FILE	DATE	LOCATION	AIRCRAFT DATA		F :	S M/	Ņ	FLIGHT PURPOSE	PILOT DATA
3-3430	TIME - 1230 DEPARTURE POI	NT]	N8267H DAMAGE-SUBSTANTIAL NTENDED DESTINATION	PX-	0	0	1 0	COMMERCIAL	
	PROBABLE CAUS PILOT IN CO FACTOR(S) WEATHER - U WEATHER BRIEF	VITH GROUND/WATER SE(S)	ED ALTITUDE AND CLEARA CONDITIONS OT REPORTED					- UPERATION . IGHT STARTING SWATH RUN	.
	SKY CONDITION UNKNOWN/NOT VISIBILITY AT 5 OR OVER(U OBSTRUCTIONS NONE TYPE OF WEATH VFR	IDENT SITE	·	PF TE	UNK RECI NON MPE 65	NOI PIT E RAT	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SITE TURE-F FLIGHT PLAN		
	KIND OF CRO PILOT'S SEA GOGGLES - N COCKPIT CRA TANK/HOPPER ELEVATION-A	T BELT - FASTENE DOT USED SHPAD - NOT INST -LOCATION - FOR REA BEING TREATE	D-PROPERLY ALLED MARD OF PILOT D-FEET - 1600			TYP GLO CRA CRA TER SWA	E (VES SH SH RA]	DF OPERATION - SPRAYING OF CHEMICAL USED - LIQUI S - USED HELMET - AVAILABLE USED BAR - NOT INSTALLED IN-TYPE - ROLLING RUN-HOW FLOWN - UPWIND ATE AT BEGINNING OF SWAT	D CHEMICAL-TOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ	UR I	IES S M,	/N	FLIGHT PURPOSE		PILOT DATA
	3/9/79 TIME - 0	NR.PECAN GAP.TX 0730	CESSNA 188 N70190 Damage-Substantial	CR- PX-	0 0	0	1 0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 34, 4175 TOTAL HOURS, 3516 IN TYPE, INSTRUMENT RATED.
٠		AIRPORT - BRISCOE FI RE POINT GAP.TX	INTENDED DESTINATION LOCAL							
	TYPE OF STALL	ACCIDENT			PI	_		F OPERATION FF INITIAL		
	PILOT FACTOR(S	5)	TO OBTAIN/MAINTAIN FLY							
			ED WRONG RUNWAY RELATIV ONS - DOWNWIND			5 11	NG.	WIND		
	KIND (PILOT GOGGLE COCKPI TANK/F	HOURS IN CROP CONTRO	LED WARD OF PILOT TED-FEET - 565			TYF GLO CRA CRA	PE DVE ASH ASH RRA	OF CHEMICAL S - NOT USE HELMET - AV BAR - INST, IN-TYPE - LI	D VAILABLE USED ALLED EVEL,FLAT	G (DUST) EMICAL-NONTOXIC
	. TIME - 1	GANADO,TX 1530 AIRPORT - CALAWAY	MURRAYAIR MA-1B N97064 DAMAGE-SUBSTANTIAL	PX-	0	0	0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 31, 4150 TOTAL HOURS, 21 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTUR	RE POINT	INTENDED DESTINATION LOCAL							
	ITPE OF	ACCIDENT DED WITH DIRT BANK						F OPERATION NG LEVEL O	FF/TOUCHDOWN	
	PILOT FACTOR(S		ER COMPENSATION FOR WIND CONDITIONS	ND COND	ΙT	ION:	s			
	SKY CONI	DITION			С		_	AT ACCIDEN	T SITE	
	VISIBIL	ITY AT ACCIDENT SITE					ΙPΙ		CCIDENT SITE	
	OBSTRUCT NONE TEMPERATE	TIONS TO VISION AT A TURE-F	CCIDENT SITE			RI	GH T D I	E BEARING O CROSS WIND RECTION-DEG	068-112 DEGRE	ES
	WIND VEI 12 TYPE OF	LOCITY-KNOTS FLIGHT PLAN			Т		OF	WEATHER CO	NDITIONS	
	NONE REMARKS	- WIND GUSTING 20K.								

	DATE LOC	ATION	AIRCRAFT DATA	IN.	JUR I	IES S M/N	FLIGHT PURPOSE	PILOT DATA
3-0509	3/17/79 ROSHARO TIME - 0900	N+TX	GRUMMAN G-164B N6714K DAMAGE-SUBSTANTIAL					COMMERCIAL, AGE 25, 1290 TY TOTAL HOURS, 1025 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT ROSHARON,TX TYPE OF ACCIDENT NOSE OVER/DOWN		ENDED DESTINATION OCAL	÷		-	OF OPERATION FROM LANDING	
	PROBABLE CAUSE(S) PILOT IN COMMAND PILOT IN COMMAND		SPEED PERATION OF BRAKES	AND/OF	R FI	LIGHT	CONTROLS	
3-0617	4/21/79 PREMONT TIME - 1400	•	N4976X	CR- PX-	0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL. AGE 30, 3844 TOTAL HOURS, 900 IN TYPE. INSTRUMENT RATED.
	DEPARTURE POINT PREMONT.TX	INT L						
	TYPE OF ACCIDENT ENGINE FAILURE O COLLIDED WITH F	R_MALFUNCTION		•		IN F	OF OPERATION LIGHT PROCEDURE TURNARI ING LEVEL OFF/TOUCHDOW	DUND N
	POWERPLANT - FUE MISCELLANEOUS AC FACTOR(S) TERRAIN - HIGH O COMPLETE POWER LOS	L SYSTEM CAR TS.CONDITIONS BSTRUCTIONS S - COMPLETE		NG EOUT-1	l Er	NGINE	NANCE (MAINTENANCE PERSI	ONNEL)
	KIND OF CROP - C PILOT'S SEAT BEL GOGGLES - NOT US COCKPIT CRASHPAD TANK/HOPPER-LOCA ELEVATION-AREA B	OTTON T - UNKNOWN/N ED - INSTALLED TION - FORWAR EING TREATED- OUND - ENTRY	D OF RILOT FEET - 140 TO PROCEDURE TURN	ED		TYPE GLOV CRASI CRAS TERR	OF OPERATION — SPRAYIN OF CHEMICAL USED — LIQI ES — NOT USED H HELMET — AVAILABLE USI H BAR — INSTALLED AIN—TYPE — LEVEL, FLAT H RUN—HOW FLOWN — CROSS	UID CHEMICAL-TOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	IJUF F	RIES S M	/N	FLIGHT PURPOSE	PILOT DATA
		NR.EL CAMPO,TX	CESSNA A188B	CR- PX-	0	0	1	COMMERCIAL	
	DEPARTURE	POINT	INTENDED DESTINATION LOCAL						NATED.
	TYPE OF AC	TX CCIDENT) WITH AUTOMOBILE				_		F OPERATION FF RUN	
	AIRPORTS FACTOR(S)	N COMMAND - SELECT S/AIRWAYS/FACILITI	ED UNSUITABLE TERRAIN ES - AIRPORT CONDITION IONS - RAN OFF END OF	S WET		JNWA	Υ		
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOP	ATA DURS IN CROP CONTR CROP - RICE SEAT BELT - UNKNO - NOT USED CRASHPAD - INSTAL PPER-LOCATION - FO DN-AREA BEING TREA	OWN/NOT REPORTED LED RWARD OF PILOT			TY GL CR CR TE	PE OVE ASH ASH RRA	OF OPERATION - SPRAYION OF CHEMICAL USED - LIG S - NOT USED HELMET - AVAILABLE US BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CROS	QUID CHEMICAL-NONTDXIC
3-0798	4/24/79 TIME - 071		BELL 47-G4 N1150W DAMAGE-MINOR	CR- PX- OT-	0	0	0	AERIAL APPLICATION	AGE 28, 3460 TOTAL HOURS, 705 IN TYPE, INSTRUMENT
			INTENDED DESTINATION						RATED.
	ALVIN,TX TYPE OF AC COLLIDED		LOCAL					F OPERATION IGHT SWATH RUN	
		N COMMAND - MISJUD	GED CLEARANCE -PERSONNEL GROUND CRE	WMAN				·	
	KIND OF GLOVES - CRASH HE CRASH BA TERRAIN- SWATH RU	NTA DURS IN CROP CONTR CROP - RICE - NOT USED ELMET - AVAILABLE AR - NOT INSTALLET TYPE - LEVEL, FLAT JN-HOW FLOWN - CRO FLAGGER STEPPED UP	USED) DSSWIND			TY GC CO TA	PE IGGL ICKP INK/	OF OPERATION — SPRAYIO OF CHEMICAL USED — LIG ES — NOT USED IT CRASHPAD — NOT INS HOPPER—LOCATION — SID TION—AREA BEING TREATO	DUID CHEMICĂL-NONTOXIC TALLED ES

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUF F	RIES S M/N	FLIGHT PURPOSE	PILOT DATA				
3-0817	4/29/79 TIME - 15	NEWCASTLE,TX 00	CALLAIR A-9 N96207 DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 37, 490 TOTAL HOURS, 129 IN TYPE, NOT INSTRUMENT RATED.				
	ENGINE F STALL		TION		IN FL	OF OPERATION IGHT PULLUP FROM SWAT ING FINAL APPROACH	TH RUN				
	PILOT II MISCELLA PILOT II FACTOR(S) TERRAIN PARTIAL PO	N COMMAND - INADEG N COMMAND - MISMAN ANEOUS ACTS+CONDIT N COMMAND - FAILEE - HIGH OBSTRUCTIO DWER LOSS - PARTIA	TIONS - FUEL EXHAUSTION O TO OBTAIN/MAINTAIN FL	YING SPEE GINE	:D	NNING					
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HOR	OURS IN CROP CONTR CROP - PASTURE SEAT BELT - FASTE - NOT USED	NED-PROPERLY STALLED STALLED STALLED		TYPE GLOVE CRASH CRASH TERRA	OF OPERATION — DEFOLIA OF CHEMICAL USED — LIG S — NOT USED H HELMET — AVAILABLE US BAR — INSTALLED IN-TYPE — LEVEL,FLAT RUN-HOW FLOWN — CROSS	OUID CHEMICAL-NONTOXIC				
3-0822	5/9/79 TIME - 165	FRISCO•TX 52	PIPER PA-25 N7103Z DAMAGE-SUBSTANTIAL	PX- 0	0 0	AERIAL APPLICATION	COMMERCIAL, AGE 52, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.				
	DEPARTURE FRISCO+1 TYPE OF AC	ΓX,	INTENDED DESTINATION LOCAL	P		F OPERATION	TIENT KATED.				
	COLLISIO	ON WITH GROUND/WAT	ER CONTROLLED			IGHT SWATH RUN					
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE										
	KIND OF PILOT'S CRASH BA TERRAIN-		NED-PROPERLY	TED	TYPE COCKE TANK	OF OPERATION — SPRAYIN OF CHEMICAL USED — LIG IT CRASHPAD — INSTALLE HOPPER-LOCATION — FORW TION-AREA BEING TREATE	UID CHEMICAL-TOXIC D ARD OF PILOT				

		LOCATION	AIRCRAFT DATA	INJU	JR I E	S	FLIGHT		PILOT DATA
	5/14/79 TIME - 10	ALAMO,TX 008 POINT X ACCIDENT NDING		CR- C PX- C) 0) 0	1 0		ACTIVITY	COMMERCIAL, AGE 26, 1182 TOTAL HOURS, 258 IN TYPE, INSTRUMENT RATED.
			O TO MAINTAIN ADEQUATE	ROTOR R.	.P.M	•	•		
3-0627	TIME - 07	45	N66420 DAMAGE-DESTROYED	CR- (CPX- (C) 0	0	AERIAL APPLICA		COMMERCIAL, AGE 53, 20960 TOTAL HOURS, 3000 IN TYPE, NOT INSTRUMENT RATED.
	BAY CIT		INTENDED DESTINATION LOCAL		PHA	SE C	F OPERATION IGHT STARTING	SWATH RUN	
	FACTOR(S)	N COMMAND - FAILE	D TO SEE AND AVOID OBJE						
:	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO	OURS IN CROP CONTE CROP - RICE SEAT BELT - UNKNO S - NOT USED CRASHPAD - INSTAL DPPER-LOCATION - FO ON-AREA BEING TREA	OWN/NOT REPORTED LLED DRWARD OF PILOT		1 G C C	YPE LOVE RASH RASH ERRA	OF OPERATION - S OF CHEMICAL USES S - NOT USED HELMET - AVAIL BAR - INSTALLES IN-TYPE - LEVEL RUN-HOW FLOWN -	D - LIQUID ABLE-NOT U FLAT	CHEMICAL-NONTOXIC SED

FILE	DATE	LOCATION	AIRCRAFT DATA	ΙN	JUR:	IES		FLIGHT PURPOSE	PILOT DATA	
		ANBURY,TX	GRUMMAN G-164A	CR-	0	0	0	COMMERCIAL	COMMERCIAL, AGE 24, 296 TOTAL HOURS, 18 IN TYPE, NOT INSTRUMENT RATED.	
	STALL SPI							IGHT PROCEDURE TURNAROUN	ND	
	PROBABLE CAU PILOT IN C		TO OBTAIN/MAINTAIN FLY	'ING S	PEEI	D				
	KIND OF CRI PILOT'S SE GOGGLES - I CRASH BAR TERRAIN-TYI	OP - RICE AT BELT - UNKNO JSED - INSTALLED PE - LEVEL,FLAT HOW FLOWN - CRO		ΓED		GLI CR TAI	PE (DVE: ASH NK/I EVA	OF OPERATION — FERTILIZINDE CHEMICAL USED — DRY CHEMICAL USED — DRY CHEMET — AVAILABLE USED HOPPER—LOCATION — FORWARD TREATED—FOURE TURNAROUND — SECOND	HEMICAL-NONTOXIC O OF PILOT FEET - 20	
	for the second s									
3-1223	5/22/79 ATIME - 1725		PIPER PA-25 N9733P DAMAGE-SUBSTANTIAL						COMMERCIAL, FL.INSTR., AGE 31, 1890 TOTAL HOURS, 621 IN TYPE, INSTRUMENT RATED.	
	DEPARTURE PO ANSON,TX TYPE OF ACCID		INTENDED DESTINATION LOCAL					F OPERATION IG LEVEL OFF/TOUCHDOWN		
	COLLIDED W PROBABLE CAU PILOT IN CO	ITH TREES SE(S)	GED DISTANCE, SPEED, AND	ALTIT				NG ROLL		

FILE		LOCATION	AIRCRAFT DATA			FLIGHT PURPOSE	PILOT DATA
3 - 2215	5/23/79 NR TIME - 1700	•LA FERIA•TX OINT X IDENT		CR- 0 PX- 0	0 1 0 0		COMMERCIAL, AGE 62, 38000 ITY TOTAL HOURS, 100 IN TYPE INSTRUMENT RATED.
	FACTOR(S) TERRAIN -	COMMAND - PHYSIO		IRT ON LAM	D		
	PILOT'S S GOGGLES — COCKPIT C TANK/HOPPI REMARKS— PL	RS IN CROP CONTE ROP - UNKNOWN/NO EAT BELT - UNKNO USED RASHPAD - INSTAL ER-LOCATION - FO	DRWARD OF PILOT DR UNKN RSN•BLOOD TOXICO		TYPE GLOVE CRASH CRASH	OF OPERATION - UNKNOWN OF CHEMICAL USED - LIQ SS - USED HELMET - AVAILABLE US BBAR - INSTALLED MAL.PRECAUTIONARY LNDG	SED
3-0926	5/24/79 NR TIME - 0730		CESSNA A188B N53311 DAMAGE-DESTROYED	CR- 1 PX- 0	0 0	COMMERCIAL ASSOC CROP CTL ACTIVI	COMMERCIAL, AGE 38, 2228 TY TOTAL HOURS, 1140 IN TYPE, NOT INSTRUMENT RATED.
		OINT S•TX IDENT	INTENDED DESTINATION LOCAL			OF OPERATION IGHT LOW PASS	RATED.
	PILOT IN FACTOR(S)	COMMAND - FAILE	TO OBTAIN/MAINTAIN FLY		-		
	KIND OF C PILOT'S S GOGGLES - COCKPIT CI TANK/HOPP	RS IN CROP CONTF ROP - GRAIN FIE EAT BELT - FASTE NOT USED RASHPAD - INSTAU ER-LOCATION - FI	LDS ENED-PROPERLY LED		TYPE GLOVE CRASH CRASH	OF OPERATION - SPRAYIN OF CHEMICAL USED - LIG SS - USED H HELMET - AVAILABLE US BAR - INSTALLED AIN-TYPE - LEVEL,FLAT	OUID CHEMICAL-TOXIC

FILE						FLIGHT N PURPOSE	PILOT DATA					
3-0818	5/26/79 EAST TIME - 0900	LIVERPOOL,TX	AIR TRACTOR AT-301 N4335S DAMAGE-DESTROYED	CR- 1 PX- 0	0	O COMMERCIAL O AERIAL APPLICATION	COMMERCIAL, AGE 32, 4000 TOTAL HOURS, 1000 IN TYPE, NOT INSTRUMENT RATED.					
	DEPARTURE POINT	I	ITENDED DESTINATION				NATED.					
	ALVIN,TX LOCAL TYPE OF ACCIDENT PHASE OF OPERATION											
	COLLIDED WITH WIRES/POLES IN FLIGHT PULLUP FROM SWATH RUN											
	PROBABLE CAUSE(S PILOT IN COMMA FACTOR(S) TERRAIN - HIGH	ND - FAILED TO	SEE AND AVOID OBJEC	CTS OR OE	3 S TR U	CTIONS						
	SPECIAL DATA											
	TOTAL HOURS IN KIND OF CROP - PILOT'S SEAT E GOGGLES - NOT CRASH BAR - NO	BEANS BELT - UNKNOWN, USED	NOT REPORTED		TYP GLO CR A	D OF OPERATION - SPRAYI E OF CHEMICAL USED - LI VES - NOT USED SH HELMET - AVAILABLE-N K/HOPPER-LOCATION - FOR	OUID CHEMICAL-NONTOXIC					
	TERRAIN-TYPE - SWATH RUN-HOW FIRE AFTER IMPAC	· LEVEL,FLAT FLOWN - WIND (VATION-AREA BEING TREAT						
3-1123	5/26/79 NR.SYLV TIME - 1000 DEPARTURE POINT SYLVESTER.TX	I	GRUMMAN G-164B N66050 DAMAGE-SUBSTANTIAL ITENDED DESTINATION LOCAL		0	1 COMMERCIAL O AERIAL APPLICATION	COMMERCIAL, AGE 38, 1475 TOTAL HOURS, 500 IN TYPE NOT INSTRUMENT RATED.					
	TYPE OF ACCIDENT ENGINE FAILURE NOSE OVER/DOWN	OR MALFUNCTIO		F	IN	OF OPERATION FLIGHT PROCEDURE TURNA DING ROLL	ROUND					
	POWERPLANT - I MISCELLANEOUS MISCELLANEOUS COMPLETE POWER L	INTENANCE, SERVICE SER		NT/ADJUS NG EOUT-1 E	TMEN NGIN							
	SPECIAL DATA TOTAL HOURS IN KIND OF CROP - PILOT'S SEAT B GOGGLES - NOT COCKPIT CRASHP TANK/HOPPER-LC ELEVATION-AREA PROCEDURE TURN	OTHER ELT - FASTENED USED AD - NOT INSTA ICATION - FORM BEING TREATED IAROUND - THIRD	-PROPERLY LLED ARD OF PILOT -FEET - 1941	050 600 4	TYP GLO' CRA CRA TER SWA	D OF OPERATION - DEFOLI E OF CHEMICAL USED - LI VES - NOT USED SH HELMET - AVAILABLE U SH BAR - INSTALLED RAIN-TYPE - LEVEL, FLAT TH RUN-HOW FLOWN - CROS	OUID CHEMICAL-TOXIC					

FILE	DATE	LOCATION	AIRCRAFT DATA		F		/N	PURPOSE		PILOT DATA
3-0931	6/7/79 TIME - 08	BEAUMONT.TX	BOEING A-75N1 N1013M DAMAGE-DESTROYED	CR-	0	O	1	COMMERCIAL		COMMERCIAL, AGE 50, 20000 TOTAL HOURS, 3000 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE BEAUMON TYPE OF A		INTENDED DESTINATION LOCAL		F			F OPERATION NG ROLL		NATED.
	MISCELL FACTOR(S) AIRPORT	N COMMAND - SELECT ANEOUS ACTS, CONDIT	ED UNSUITABLE TERRAIN IONS - NOT ALIGNED WITH ES - AIRPORT CONDITIONS AGE DITCH:						REA	
				•						
3-2212		ELSA,TX 45	AIR TRACTOR AT-301 N4412S DAMAGE-DESTROYED							COMMERCIAL, FL.INSTR., AGE 44, 15520 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
	DEPARTURE	OUCA•TX CCIDENT	INTENDED DESTINATION		P			F OPERATION		
	PROBABLE PILOT I PILOT I FACTOR(S)	CAUSE(S) N COMMAND - FAILED N COMMAND - IMPROP	TO OBTAIN/MAINTAIN FLY ER OPERATION OF FLIGHT IONS - UNWARRANTED LOW	CONTR	OL:	Đ				
3-1714	6/13/79 TIME - 08	NR.RAYMONDVILLE,TX	GRUMMAN G-164A N4598 DAMAGE-SUBSTANTIAL	PX-	0	0 0	0	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 56, 15242 TOTAL HOURS, 2200 IN TYPE, NOT INSTRUMENT
• •	DEPARTURE RAYMONDV TYPE OF A STALL NOSE OV	TILLE + TX CCIDENT MUSH ER / DOWN	TRIP INTENDED DESTINATION LOCAL		· F	T	KEC	F OPERATION FF INITIAL FF ABORTED	CLIMB	RATED.
	PILOT I FACTOR(S) AIRPORT	N COMMAND - FAILED N COMMAND - FAILED	ES - AIRPORT CONDITIONS				ιΥ			

FILE		N AIRCRAFT DATA	IN	JUR =	IES S M/	N	FLIGHT PURPOSE	PILOT DATA
3-1695	6/15/79 LOUISE,TX TIME - 1330	CESSNA 188	CR -	0	0	1	COMMERCIAL	COMMERCIAL, AGE 39, 8000 Y TOTAL HOURS, 7500 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - RUAN DEPARTURE POINT LOUISE.TX TYPE OF ACCIDENT COLLIDED WITH FENCE	INTENDED DESTINATION LOCAL				_	OPERATION F RUN	
	PROBABLE CAUSE(S) PILOT IN COMMAND - F	AILED TO ABORT TAKEOFF						•
- 1708	6/29/79 NR.OLTON,TX TIME - 1810	SNOW 600S2R N88380 DAMAGE-SUBSTANTIAL		0	0	1 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 39, 2500 TOTAL HOURS, 275 IN TYPE NOT INSTRUMENT RATED.
	DEPARTURE POINT							
	TYPE OF ACCIDENT ENGINE FAILURE OR MA STALL MUSH	INTENDED DESTINATION LOCAL LFUNCTION		PI	HASE IN I LAN	OF FLI DIN	OPERATION GHT PROCEDURE TURNAROL G LEVĘL OFF/TOUCHDOWN	JND .
	PROBABLE CAUSE(S) PILOT IN COMMAND - I PILOT IN COMMAND - M	NADEQUATE PREFLIGHT PREPARA ISMANAGEMENT OF FUEL						
	FACTOR(S) TERRAIN - OTHER	ONDITIONS - FUEL EXHAUSTION			7			
	COMPLETE POWER LOSS -	COMPLETE ENGINE FAILURE/FLAM S - FORCED LANDING OFF AIRPO				E		
	SPECIAL DATA TOTAL HOURS IN CROP KIND OF CROP — OTHER PILOT'S SEAT BELT — CRASH HELMET — AVAIL CRASH BAR — INSTALLE TERRAIN—TYPE — LEVEL	UNKNOWN/NOT REPORTED ABLE USED D			TYPI GOG COCI TAN	E O GLE KPI K/H	F OPERATION - SPRAYING F CHEMICAL USED - LIQUI S - NOT USED T CRASHPAD - INSTALLED OPPER-LOCATION - FORWAR	D CHEMICAL-TOXIC
•	SWATH RUN-HOW FLOWN		LE ATTE	MP.			ION-AREA BEING TREATED- ALIGN W LISTER ROWS.	

FILE			AIRCRAFT DATA	IN	JUR I S	ES M/N	FLIGHT PURPOSE		PILOT DATA
		.MIAMI,TX	MARTIN 404 N40408 DAMAGE-DESTROYED	CR- PX-	0	1 1 0 0	COMMERCIAL AERIAL APPLI(CATION	ATP, FLIGHT INSTR., AGE 52, 15000 TOTAL HOURS, 61 IN TYPE, INSTRUMENT RATED.
	PAMPA,TX TYPE OF ACC		NTENDED DESTINATION LOCAL				DF OPERATION LIGHT SWATH RU	JN	KATEU.
	MISCELLAN	COMMAND - MISJUDGE	D ALTITUDE AND CLEARA NS - WINDSHIELD,DIRTY NS - SUNGLARE		/ , ET	CR	ESTRICTED VISIO	ON	
	KIND OF C PILOT'S S GOGGLES — COCKPIT C TANK/HOPP ELEVATION FIRE AFTER	RS IN CROP CONTROL ROP - PASTURE EAT BELT - FASTENE NOT USED RASHPAD - NOT INST ER-LOCATION - BELL -AREA BEING TREATE IMPACT	D-PROPERLY ALLED Y	r stat	•	TYPE GLOV CRAS CRAS TERR SWAT	ES — USED H HELMET — AVAI H BAR — NOT INS AIN—TYPE — ROLL H RUN—HOW FLOWN	SED - LIQUID LABLE USED STALLED ING N - CROSSWING	•
3-1092	6/29/79 TIME - 1020		GRUMMAN G-164A N8773H DAMAGE-SUBSTANTIAL	PX-					COMMERCIAL, FL.INSTR., AGE 31, 4040 TOTAL HOURS, 2746 IN TYPE, INSTRUMENT
	DEPARTURE P ARCOLA,TX TYPE OF ACC COLLIDED		NTENDED DESTINATION LOCAL				OF OPERATION DFF INITIAL ĈL	.IMB	RATED.
	PILOT IN FACTOR(S)	COMMAND - INADEQUA COMMAND - FAILED T	TE PREFLIGHT PREPARAT D ABORT TAKEOFF NS - JETTISONED LOAD	FION A	ND/0	R PL	ANNING		
3-1222	TIME - 0915 DEPARTURE F	POINT	BELL 47G-4 N1150W DAMAGE-SUBSTANTIAL NTENDED DESTINATION	CR- PX-	0	0 1 0 0	COMMERCIAL ASSOC CROP C	TL ACTIVITY	COMMERCIAL, AGE 28, 3451 TOTAL HOURS, 672 IN TYPE, NOT INSTRUMENT RATED.
	MANVEL,TX TYPE OF ACC		CONTROLLED				OF OPERATION LIGHT SURVEY F	FIELD/AREA	
,	PROBABLE CA PILOT IN		OPERATION OF FLIGHT	CONTR	DLS				

FILE	DATE	LOCATION	AIRCRAFT DATA	INJI F	UR I E S	S M/I	N	FLIGHT PURPOS	E		PILOT DATA
		NR.OZONA.TX 45	CESSNA A188 N485OR DAMAGE-DESTROYED	CR- PX-	0 () (1 C	OMMERCIA SSOC CRO	L P CTL ACTI	COMMER VITY AGE 37 HOURS	RCIAL, FL.INSTR., 7, 10500 TOTAL , 1200 IN TYPE, DMENT RATED.
	DEPARTURE OZONA•TX TYPE OF A		INTENDED DESTINATION LOCAL					OPERATIO	N		
	PROBABLE MISCELL		ON RUNWAY/TAXIWAY/RAME)				-			
	KIND OF PILOT'S GOGGLES COCKPIT	ATA OURS IN CROP CONTR CROP - MESOUITE SEAT RELT - UNKNO - NOT USED CRASHPAD - INSTAL PPER-LOCATION - FO	DWN/NOT REPORTED) () ()	YPE SLOV CRAS	E OF VES SH H SH B	CHEMICA - NOT US ELMET - AR - INS	ED AVAILABLE (JSED CHEMICA	YF-NON LUX IC
3-1689		PEARSALL,TX	PIPER PA-25 N863OL DAMAGE-SUBSTANTIAL	PX-	0 (0 () [1 C 0 A	OMMERCIA SSOC CRO	L P CTL ACTI	VITY TOTAL	RCIAL, AGE 44, 7514 HOURS, 4000 IN NOT INSTRUMENT
	DEPARTURE DEVINE, TYPE OF A	ΓX	ES INTENDED DESTINATION PEARSALL,TX	. •				OPERATIO	N	NA FEB.	•
	SYSTEMS MISCELL FACTOR(S) WEATHER	E - LANDING GEAR - HYDRAULIC SYSTE ANEOUS ACTS•CONDIT - UNFAVORABLE WIN	IONS - LEAK/LEAKAGE			ETA	OITA	, N			
	SKY CONDITION CLEAR VISIBILITY 5 OR OVI OBSTRUCTION NONE TEMPERATUR 95	TION TAT ACCIDENT SITE ER(UNLIMITED) ONS TO VISION AT A			CEI PRE N REL TYP	LIN INL I CIP ION E ATI	NG A IMIT PITA E IVE T CR	T ACCIDED ED TION AT A BEARING (OSS WIND	ACCIDENT S		

FILE	\\	LOCATION	AIRCRAFT DATA			IES S M/	FLIGHT N PURPOSE		PILOT DATA
3-2913		KETT, TX	CESSNA A188B N9583G DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 COMMERCIAL O ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE 31, 3500 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.
	CROCKETT.TX TYPE OF ACCIDEN	IM T JRE ON GROUND	NTENDED DESTINATION LOCAL		Ρ	LAN	OF OPERATION DING ROLL DING ROLL		KATEU.
			EELS,TIRES,AXLES NS - BURST	¥					
	KIND OF CROP PILOT'S SEAT COCKPIT CRASH TANK/HOPPER-LO	- COTTON BELT - UNKNOWN/ PAD - INSTALLED DCATION - FORWA)	ED		TYP CR A	E OF CHEMICAL	N - SPRAYING CF USED - UNKNOW VAILABLE USED ALLED	
3 - 2912	8/11/79 TAFT TIME - 0745	•TX	AIR TRACTOR AT-301 N4424S DAMAGE-SUBSTANTIAL						COMMERCIAL, AGE 40, 1300 TOTAL HOURS, 450 IN TYPE, NOT INSTRUMENT RATED.
•	NAME OF AIRPORT DEPARTURE POINT TAFT,TX TYPE OF ACCIDEN STALL MUSH	11	NTENDED DESTINATION LOCAL				OF OPERATION EOFF INITIAL		NOT INSTRUMENT RATED.
	PILOT IN COMM FACTOR(S) MISCELLANEOUS MISCELLANEOUS	AND - INADEQUATAND - FAILED TO	TE PREFLIGHT PREPARAT D ABORT TAKEOFF NS - IMPROPERLY LOADE NS - JETTISONED LOAD			•		C•G•	
	KIND OF CROP PILOT'S SEAT GOGGLES - NOT COCKPIT CRASH	BELT - UNKNOWN/ USED PAD - NOT INSTA OCATION - FORW/	NOT REPORTED ALLED ARD OF PILOT			TYP GLO CRA	E OF CHEMICAL VES - NOT USE	D VAILABLE USED	CHEMICAL-NONTOXIC

FILE	DATE.	LOCATION	AIRCRAFT DATA	F	S M/N	1	PURPOSE	PILOT DATA			
3 - 1338	8/23/79 TIME - 1530	COYANOSA, TX	PIPER PA-25	CR- 0	0 1	С	ERIAL APPLICATION	COMMERCIAL, AGE 49, 13495 TOTAL HOURS, 3475 IN TYPE, NOT INSTRUMENT RATED.			
		OINT									
	COYANOSA, TYPE OF ACC STALL		LOCAL	PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAROUND							
	FACTOR(S) WEATHER - WEATHER BRI WEATHER FOR SKY CONDITION CLEAR VISIBILITY 5 OR OVER	WIND SHEAR EFING - NO RECOR ECAST - UNKNOWN/ DN AT ACCIDENT SITE (UNLIMITED) S TO VISION AT A	-	, ,	CEILIN UNLI PRECIP NONE VIND D	MIT ITA IRE	T ACCIDENT SITE ED TION AT ACCIDENT SITE CTION-DEGREES EATHER CONDITIONS				
	TYPE OF FLIC	GHT PLAN					•				
	TOTAL HOUR KIND OF CI PILOT'S SI GOGGLES — COCKPIT CE TANK/HOPPI ELEVATION- PROCEDURE	RASHPAD - INSTAL ER-LOCATION - FO	ROL - 9999 ENED-PROPERLY LED DRWARD OF PILOT ATED-FEET - 2600 HIRD 1/3 TURN		TYPE GLOV CRAS CRAS TERR	OF ES H H H B	OPERATION - SPRAYING CHEMICAL USED - LIQU - NOT USED ELMET - AVAILABLE-NOT AR - INSTALLED -TYPE - LEVEL, FLAT UN-HOW FLOWN - CROSSW:	ID CHEMICAL-TOXIC USED			

FILE	DATE	LOCATION		F	S M/N	PURPOSE		PILOT DATA
3 - 2143	TIME - 1150	HALE CENTER, TX	GRUMMAN G-164A N4940 DAMAGE-SUBSTANTIAL					COMMERCIAL, AGE 43, 4000 TOTAL HOURS, 610 IN TYPE, NOT INSTRUMENT RATED.
er.		PORT - BOYD'S DINT ER.TX	INTENDED DESTINATION LOCAL					
	TYPE OF ACCI	IDENT ILURE OR MALFUNCT 'DOWN	ION		IN F	DF OPERATION LIGHT CLIMB ING ROLL		
	MISCELLANE	JSE(S) F - IGNITION SYST EDUS ACTS,CONDITI HIGH VEGETATION			-			
	COMPLETE POV	VER LOSS - COMPLE	TE ENGINE FAILURE/FLAM RCED LANDING OFF AIRPO					
	PILOT'S SE GOGGLES — COCKPIT CF TANK/HOPPE	RS IN CROP CONTRO ROP — OTHER EAT BELT — UNKNOW NOT USED RASHPAD — INSTALL ER-LOCATION — FOR	ED:		GLOV CRAS CRAS TERR	ES - NOT USE H HELMET - A H BAR - INST AIN-TYPE - L	D VAILABLE USED ALLED EVEL•FLAT	CHEMICAL-TOXIC ODEL SB9RU3 MAG.
•	8/30/79		AERO-COMDR S2R N5014X DAMAGE-SUBSTANTIAL					COMMERCIAL, AGE 24, 1461 TOTAL HOURS, 373 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRP DEPARTURE PO	PORT - VAN HORN DINT	INTENDED DESTINATION					
	VAN HORN, TYPE OF ACCI ENGINE FA GEAR COLLA	IDENT ILURE OR MALFUNCT	LOCAL	F	IN F	OF OPERATION LIGHT CLIMB ING LEVEL O		·
	POWERPLAN [*] MISCELLANI	- MAINTENANCE,SE Γ - FUEL SYSTEM	ONS - IMPROPERLY INSTA		E MAIN	TENANCE AND	INSPECTION	
	COMPLETE POI EMERGENCY C	IRCUMSTANCES - FO	TTE ENGINE FAILURE/FLAM RCED LANDING OFF AIRPO SERRATIONS STRIPPED.					

FILE	DATE	LOCATION	AIRCRAFT DATA	ΙN	JUR F	IES S M	/N	FLIGHT PURPOSE		PILOT DATA
		NR.PLAINVIEW,TX	PIPER PA=36	CR- PX-	0	0	1	COMMERCIAL		AIRLINE TRANSPORT, AGE 29, 4641 TOTAL HOURS, 480 IN TYPE, INSTRUMENT RATED.
	DEPARTURE PLAINVIEW TYPE OF AU STALL	POINT W,TX CCIDENT	INTENDED DESTINATION LOCAL		P			F OPERATION FF INITIAL		
	PILOT II FACTOR(S)	CAUSE(S) - N COMMAND - FAILED - HIGH VEGETATION	TO OBTAIN/MAINTAIN FL	YING S	PEE	D				
	KIND OF PILOT'S CRASH HI CRASH BA TERRAIN	OURS IN CROP CONTR CROP — COTTON	WN/NOT REPORTED USED			TY GO CO TA	PE GGL CKP NK/I	DF CHEMICAL ES - USED IT CRASHPAD HOPPER-LOCA	N - SPRAYING CF USED - LIQUID - INSTALLED TION - FORWARD EING TREATED-FO	CHEMICAL-TOXIC OF PILOT
3 - 2557	9/18/79 TIME - 173		CESSNA 188 N9869V							COMMERCIAL, AGE 40, 12000 TOTAL HOURS, ALL IN TYPE,
	DEPARTURE HENRIET		DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL							NOT INSTRUMENT RATED.
	TYPE OF AC	CCIDENT WATER LOOP-SWERVE			Р			OPERATION NG ROLL		
•	AIRFRAME MISCELLA	EL - MAINTENANCE,S E - LANDING GEAR ANEOUS ACTS,CONDIT	ERVICING,INSPECTION IN BRAKING SYSTEM (NORMAL IONS - EXCESSIVE-WEAR/F IONS - LEAK/LEAKAGE	SYSTE		ΔIN	TEN	ANCE (OWNER	PERSONNEL)	
	KIND OF PILOT'S GOGGLES	OURS IN CROP CONTRI CROP — PASTURE SEAT BELT — UNKNO — NOT USED	WN/NOT REPORTED			TY GL! CR	PE DVE: ASH	HELMET - A	USED - LIQUID VAILABLE USED	CHEMICAL-NONTOXIC
• •	TANK/HO	CRASHPAD - NOT IN: PPER-LOCATION - FO FORN BRAKE LININGS		ND UN	TTI			BAR - INSTA		

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JURIES S M/N	FLIGHT PURPOSE	PILOT DATA
3-2559	10/12/79 TIME - 1	STANTON,TX 330	CESSNA A188B N53200 DAMAGE-SUBSTANTIAL	CR-	0 0 1	COMMERCIAL	COMMERCIAL, AGE 44, 8000 IVITY TOTAL HOURS, 120 IN TYPE. NOT INSTRUMENT RATED.
		N•1X VCCIDENT	INTENDED DESTINATION LOCAL			OF OPERATION COFF INITIAL CLIMB	107 210 110 120 207 1120 2
	FACTOR(S	IN COMMAND - FAILED	TO OBTAIN/MAINTAIN FLY	′ING SP	EED		
		TTION TY AT ACCIDENT SITE VER(UNLIMITED)			UNL	G AT ACCIDENT SITE MITED ITATION AT ACCIDENT S	SITE
	OBSTRUCTI SMOKE TEMPERATI	IONS TO VISION AT A JRE-F	CCIDENT SITE	·	LIGH	VE BEARING OF WIND IT AND VARIABLE IRECTION-DEGREES	
	WIND VELO	OCITY-KNOTS FLIGHT PLAN	· · · · · · · · · · · · · · · · · · ·			F WEATHER CONDITIONS	
3 -2 564		NR.ABILENE,TX	PIPER PA-25			COMMERCIAL	COMMERCIAL, AGE 41, 1501
	DEPARTURE	POINT	N8576L DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL		0 0 0	ASSUC CRUP CTE ACT	IVITY TOTAL HOURS, 500 IN TYPE, NOT INSTRUMENT RATED.
	TYPE OF A		PROPELLER		IN F	OF OPERATION LIGHT RETURN TO STR ING ROLL	IÞ
	POWERPI MISCEL FACTOR(S TERRAII	NEL - MAINTENANCE,S LANT - PROPELLER AN LANEOUS ACTS,CONDIT) N - HIGH OBSTRUCTIC Y CIRCUMSTANCES - P	ERVICING.INSPECTION IND D ACCESSORIES HYDRAULI IONS — IMPROPERLY INST INS RECAUTIONARY LANDING OF ROP/ENGINE VIBRATION	IC PITO ALLED	CH CONTR		ERSONNEL)
	KIND OF PILOT! GOGGLE COCKPITANK/HELEVAT	HOURS IN CROP CONTR F CROP - COTTON S SEAT BELT - UNKNO S - NOT USED T CRASHPAD - INSTAL OPPER-LOCATION - FC ION-AREA BEING TREA	LED RWARD OF PILOT TED-FEET - 1650	. ·	TYPE GLOV CRAS TERE	ES - USED H HELMET - AVAILABLE H BAR - INSTALLED RAIN-TYPE - LEVEL,FLA	LIQUID CHEMICAL-NONTOXIC USED

FILE			AIRCRAFT DATA						PILOT DATA
		CRYSTAL CITY→TX		CR- PX-	0	0	1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 50, 12000 TOTAL HOURS, 5000 IN TYPE, NOT INSTRUMENT RATED.
	CRYSTAL C	ITY,TX	INTENDED DESTINATION LOCAL ION					OF OPERATION IGHT CLEANUP SWATH	
	COLLIDED	WITH FENCE.FENCE	POSTS			L	I GNA	NG ROLL	
	MISCELLAN TERRAIN - COMPLETE PO	T - ENGINE STRUCTU EOUS ACTS, CONDITI HIGH OBSTRUCTION: WER LOSS - COMPLE	ONS - MATERIAL FAILURE	4E0UT-			INE		
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 5000 KIND OF CROP - SPINACH PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - USED COCKPIT CRASHPAD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 620 REMARKS- CAM GEAR FAILED.					TY GL CR CF	PE OVE ASH RASH RRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQUI SS - NOT USED HELMET - AVAILABLE USED I BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW, FLOWN - CROSSW	D CHEMICAL-NONTOXIC
3-3531	12/8/79 NR TIME - 1300		GRUMMAN G-164 N472Y DAMAGE-SUBSTANTIAL						COMMERCIAL, AGE 51, 26000 Y TOTAL HOURS, 7000 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIR DEPARTURE P KOSSE,TX	PORT - WIDEMAN RA OINT	NCH INTENDED DESTINATION LOTT∙TX						NATED.
		IDENT TER LOOP-SWERVE WITH FENCE,FENCE	POSTS		F	LA	NDI	OF OPERATION NG ROLL NG ROLL	
	PROBABLE CA PILOT IN FACTOR(S) AIRFRAME MISCELLAN			- LIG	ЭНТ	CONTROLS			

FILE	DATE LOCATION	N AIRCRAFT DATA				FLIGHT PURPOSE	PILOT DATA
3-2796	6/5/79 JUNCTION•UT TIME - 1130	N7923V DAMAGE-SUBSTANTIAL					COMMERCIAL, FL.INSTR., AGE 32, 1100 TOTAL HOURS, 170 IN TYPE, NUT INSTRU- MENT RATED.
	DEPARTURE POINT JUNCTION.UT	INTENDED DESTINATION LOCAL					
	TYPE OF ACCIDENT	LUCAL		PH	ASE	OF OPERATION	
	COLLISION WITH GROUND	D/WATER CONTROLLED			IN F	_IGHT PROCEDURE TURNARO	UND
	FACTOR(S) WEATHER - DOWNDRAFT, USKY CONDITION CLEAR VISIBILITY AT ACCIDENT			C E	UNLI ECIP	G AT ACCIDENT SITE MITED ITATION AT ACCIDENT SITE	
	5 OR OVER (UNLIMITED) OBSTRUCTIONS TO VISION	AT ACCIDENT SITE			NONE PF O	F WEATHER CONDITIONS	
	NONE TYPE OF FLIGHT PLAN .NONE				VFR		
	SPECIAL DATA						
	KIND OF CROP - OTHER PILOT'S SEAT BELT - U GOGGLES - NOT USED COCKPIT CRASHPAD - NO TANK/HOPPER-LOCATION	OT INSTALLED - FORWARD OF PILOT TREATED-FEET - 6100	rED •		TYPE GLOV CRASI CRAS TERR	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU ES - NOT USED H HELMET - AVAILABLE USE H BAR - INSTALLED AIN-TYPE - LEVEL,FLAT ROLLING EDURE TURNAROUND - THIRD	D CHEMICAL-TOXIC

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JUR I I S	ES M/N	FLIGHT PURPOSE	PILOT DATA						
3 - 1516	7/21/79 TIME - 09	NR.RICHFIELD,UT	GRUMMAN G-164A N6589 DAMAGE-SUBSTANTIAL	CR- PX-	0 (0 1	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 36, 7500 TOTAL HOURS, 1000 IN TYPE, NOT INSTRUMENT RATED.						
			INTENDED DESTINATION											
	RICHFIELD.UT RICHFIELD.UT TYPE OF ACCIDENT						PHASE OF OPERATION							
	ENGINE	FAILURE OR MALFUNC VER/DOWN	TION		IN FLIGHT MANEUVER TO AVOID OBSTRUCTION LANDING ROLL									
	MISCELL MISCELL FACTOR(S) POWERPL MISCELL TERRAIN	IN COMMAND - MISMAN -ANEOUS ACTS,CONDIT LANEOUS ACTS,CONDIT) LANT - POWERPLANT-I -ANEOUS ACTS,CONDIT N - WET,SOFT GROUND	IONS - MISCALCULATED FU IONS - FUEL EXHAUSTION NSTRUMENTS FUEL FLOW I IONS - STUCK	N The state of the										
	EMERGENCY	EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND												
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 4000 KIND OF CROP - OTHER PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 5300						KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-TOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - NOT INSTALLED TERRAIN-TYPE - LEVEL + FLAT SWATH RUN-HOW FLOWN - WIND CALM							
3 - 3449	9/4/79 TIME - 10	GLOUSTER, VA	GRUMMAN G-164A N9873 DAMAGE-SUBSTANTIAL				COMMERCIAL AERIAL, APPLICATION	COMMERCIAL, AGE 29, 5500 TOTAL HOURS, 1200 IN TYPE, INSTRUMENT RATED.						
	DEPARTURE	POINT	INTENDED DESTINATION					TIPE, INSTRUMENT RATED.						
	MEST PU	DINT.VA	LOCAL											
	TYPE OF A ENGINE HARD LA	FAILURE OR MALFUNC	TION .		I	N Fl	DF OPERATION .IGHT SWATH RUN ING LEVEL OFF/TOUCHDOW!	N						
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) MISCELLANEOUS ACTS.CONDITIONS - LOAD NOT JETTISONED COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE													
			DRCED LANDING OFF AIRPO											
	KIND OF PILOT'S GOGGLES	DATA HOURS IN CROP CONTR F CROP — BEANS S SEAT BELT — FASTE S — NOT USED F CRASHPAD — INSTAL	NED-PROPERLY		ר) 0	YPE LOVI RASH	OF OPERATION - SPRAYIN OF CHEMICAL USED - LIOU ES - NOT USED I HELMET - AVAILABLE USE I BAR - INSTALLED	JID CHEMICAL-TOXIC						
		OPPER-LOCATION - FOR					IN-TYPE - LEVEL-FLAT	CALM						
	ELEVATI	ION-AREA BEING TREA	IED-FEET - 15		Ş	WATH	H RUN-HOW FLOWN - WIND (CALM						

FILE		AIRCRAFT DATA	I N JUR F	IES S M/N	FLIGHT PURPOSE	PILOT DATA				
3-1035	4/14/79 POMEROY,WA TIME - 1545	WEATHERLY 201B N1258W DAMAGE-SUBSTANTIAL	CR - 0 PX- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATIO	COMMERCIAL, FL.INSTR., AGE 23, 4300 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.				
	DEPARTURE POINT POMEROY, WA TYPE OF ACCIDENT COLLISION WITH GROUND/N	LOCAL			OF OPERATION IGHT PROCEDURE TU					
	PROBABLE CAUSF(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE									
	SPECIAL DATA TOTAL HOURS IN CROP COME KIND OF CROP — PASTURE PILOT'S SEAT BELT — FAST GOGGLES — NOT USED COCKPIT CRASHPAD — INSTANK/HOPPER-LOCATION — ELEVATION—AREA BEING TOPPOCEDURE TURNAROUND — REMARKS— STRUCK RT WING	KIND OF OPERATION - FERTILIZING (DUST) TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE USED CRASH BAR - INSTALLED TERRAIN-TYPE - HILLY SWATH RUN-HOW FLOWN - CROSSWIND								
3-1640	4/25/79 NR.MESA.WA TIME - 0930 DEPARTURE POINT MESA.WA TYPE OF ACCIDENT ENGINE FAILURE OR MALFI COLLIDED WITH FENCE.F	DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL UNCTION	Р	HASE (. COMMERCIAL AERIAL APPLICATIO OF OPERATION IGHT SWATH RUN NG ROLL	COMMERCIAL, AGE 34, 6085 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT RATED.				
	MISCELLANEOUS ACTS, CON FACTOR(S) POWERPLANT - POWERPLAN MISCELLANEOUS ACTS, CON TERRAIN - HIGH OBSTRUC COMPLETE POWER LOSS - CO		ITY GAUGE MEOUT-1 E	: NGI NE	NNING .					
	SPECIAL DATA TOTAL HOURS IN CROP COL KIND OF CROP — GRAIN F PILOT'S SEAT BELT — FAL GOGGLES — NOT USED COCKPIT CRASHPAD — INS TANK/HOPPER-LOCATION — ELEVATION—AREA BEING TI REMARKS— PLT STATED GAUG	STENED-PROPERLY TALLED FORWARD OF PILOT REATED-FEET - 900	TED	TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - FER OF CHEMICAL USED - S' - NOT USED H HELMET - AVAILABI B BAR - INSTALLED AIN-TYPE - HILLY I RUN-HOW FLOWN - U	- DRY CHEMICAL-NONTOXIC LE USED				

FILE		LOCATION	AIRCRAFT DATA	F		С М	/N	DURDUCE	PILOT DATA		
		NR.WENATCHEE,WA	BELL 47G-3B N6712D DAMAGE-SUBSTANTIAL	CR- PX-					AIRLINE TRANSPORT, AGE 27, 3018 TOTAL HOURS, 37 IN TYPE, NOT INSTRUMENT RATED.		
		· · · · · · · · · · · · · · · · · · ·	INTENDED DESTINATION						RATED.		
	WENATCHEE∙WA TYPE OF ACCIDENT COLLISION WITH GROUND/WATH				PHASE OF OPERATION IN FLIGHT PROCEDURE TURNAR				ND		
	PROBABLE (TO MAINTAIN ADEQUATE	ROTOR R	. P	.M.					
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATIC PROCEDU	OURS IN CROP CONTRO CROP - GRAIN FIELD SEAT BELT - UNKNOW - NOT USED CRASHPAD - NOT INS PPER-LOCATION - SIG DN-AREA BEING TREAT RE TURNAROUND - SEC	OS IN/NOT REPORTED STALLED DES ED-FEET - 2100	KIND OF OPERATION — SPRAYING TYPE OF CHEMICAL USED — LIQUI GLOVES — NOT USED CRASH HELMET — AVAILABLE USED CRASH BAR — NOT INSTALLED TERRAIN—TYPE — MOUNTAINOUS SWATH RUN—HOW FLOWN — WIND CA				OF CHEMICAL USED - LIQUI S - NOT USED HELMET - AVAILABLE USED BAR - NOT INSTALLED IN-TYPE - MOUNTAINOUS	D CHEMICAL-NONTOXIC		
3-1033		NR.DAYTON,WA	CALLAIR A-9 N8259H DAMAGE-DESTROYED	CR- PX-	1 0	0	0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 745 TOTAL HOURS, 45 IN TYPE, NOT INSTRUMENT RATED.		
	NAME OF AS DEPARTURE DAYTON, WA TYPE OF AS STALL S		Ρ			F OPERATION IGHT SŲRVEY FIELD/AREA	NOT INSTRUMENT NATION				
		PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED									
	SPECIAL D. TOTAL HO KIND OF GLOVES - CRASH HI CRASH BA TERRAIN. FIRE AFTER			PIL GOO COO	OT GL KP	OF OPERATION - CHECKING OF SEAT BELT - FASTENED-ES - NOT USED IT CRASHPAD - NOT INSTALHOPPER-LOCATION - AFT OF	LED				

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	RIES S M/N	FLIGHT PURPOSE	PILOT DATA			
3-1645	5/15/79 TIME - 06	MOSES LAKE,WA	EL TOMCAT MK5A N9044T	CR- 0 PX- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 33, 3695 TOTAL HOURS, 1800 IN TYPE, NOT INSTRUMENT RATED.			
•	MOSES L TYPE OF A	_AKE,WA	INTENDED DESTINATION LOCAL			OF OPERATION LIGHT SWATH RUN	NATES:			
	PROBABLE PILOT I		TO SEE AND AVOID OBJEC	TS OR O	3 S TR UC	TIONS				
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO ELEVATI	HOURS IN CROP CONTR CROP - GRAIN FIEL	WN/NOT REPORTED STALLED DES		TYPE GLOV CRAS CRAS TERR	OF OPERATION - SPRAYIN OF CHEMICAL USED - LIG ES - USED H HELMET - AVAILABLE USEH BAR - INSTALLED AIN-TYPE - LEVEL, FLAT H RUN-HOW FLOWN - WIND	OUID CHEMICAL-NONTOXIC			
							•			
3-1648	DEPARTURE	NR.PATTERSON,WA 715 E POINT CLE FARMS,WA	INTENDED DESTINATION	CR- 0 PX- 0	1 0	COMMERCIAL DAERIAL APPLICATION	COMMERCIAL, AGE 35, 714 TOTAL HOURS, 214 IN TYPE NOT INSTRUMENT RATED.			
	TYPE OF A			PHASE OF OPERATION IN FLIGHT PULLUP FROM SWATH RUN LANDING LEVEL OFF/TOUCHDOWN						
	PILOT I	PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION EACTOR(S)								
	TERRAIN COMPLETE	I - WET, SOFT GROUND POWER LOSS - COMPL	UATE PREFLIGHT PREPARA ETE ENGINE FAILURE/FLA DRCED LANDING OFF AIRPO	MEOUT-1	ENGINE					
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO	DATA HOURS IN CROP CONTR CROP - GRAIN FIEL S SEAT BELT - FASTE - NOT USED CRASHPAD - INSTAL DPPER-LOCATION - FO ION-AREA BEING TREA	DS NED-PROPERLY LED RWARD OF PILOT		TYPE GLOV CRAS CRAS	O OF OPERATION - SPRAYING OF CHEMICAL USED - LIC VES USED IN HELMET - AVAILABLE USEN BAR - INSTALLED INTYPE - LEVEL, FLAT IN RUN-HOW FLOWN - WIND	QUID CHEMICAL-NONTOXIC			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ(F	RIES S A		FLIGHT PURPOSE		PILOT DATA
3-2608		COLVILLE, WA	WEATHERLY 201A N2933W DAMAGE-SUBSTANTIAL	PX- C			COMMERCIAL ASSOC CROP CTL	ACTIVITY	COMMERCIAL, AGE 39, 2750 TOTAL HOURS, 140 IN TYPE, INSTRUMENT RATED.
	DEPARTURE I CHEWELAH, TYPE OF AC	CIDENT ATER LOOP-SWERVE	INTENDED DESTINATION COLVILLE, WA		LΔ	NDI	F OPERATION NG ROLL NG ROLL		
	FACTOR(S)	COMMAND - FAILED	TO MAINTAIN DIRECTIONA		OL				
	KIND OF (PILOT'S : GOGGLES - COCKPIT (TANK/HOPF ELEVATION	TA JRS IN CROP CONTR CROP - GRAIN FIEL SEAT BELT - UNKNO - NOT USED CRASHPAD - INSTAL PER-LOCATION - FO N-AREA BEING TREA IT HOLE 75 FT OFF	DS WN/NOT REPORTED LED RWARD OF PILOT TED-FEET - 1100		TY GL CR CR TE	PE OVE ASH ASH RRA	OF OPERATION - DF CHEMICAL USE S - NOT USED HELMET - AVAIL BAR - INSTALLE IN-TYPE - LEVEL RUN-HOW FLOWN	D - LIQUID ABLE USED D FLAT	CHEMICAL-NONTOXIC
3-1568	6/29/79 NR TIME - 0915		HILLER ACFT UH-12E N65048 DAMAGE-SUBSTANTIAL					ACTIVITY	COMMERCIAL, AGE 38, 2809 TOTAL HOURS, 1241 IN TYPE, NOT INSTRUMENT
	DEPARTURE F QUINCY+WA TYPE OF ACC ENGINE FA HARD LAND	CIDENT AILURE OR MALFUNC	INTENDED DESTINATION LOCAL TION		ΙN	FL	F OPERATION IGHT EN ROUTE NG POWER-OFF A		
	MISCELLAN MISCELLAN PILOT IN PILOT IN FACTOR(S) MISCELLAN COMPLETE PO EMERGENCY (NT - FUEL SYSTEM NEOUS ACTS, CONDIT NEOUS ACTS, CONDIT COMMAND - IMPROP COMMAND - MISJUD NEOUS ACTS, CONDIT WER LOSS - COMPL CIRCUMSTANCES - F	VENTS, DRAINS, TANK CAPS IONS - LEAK/LEAKAGE IONS - FUEL STARVATION ER IN-FLIGHT DECISIONS GED ALTITUDE IONS - OVERLOAD FAILURE ETE ENGINE FAILURE/FLAM ORCED LANDING OFF AIRURE ST PUMP LEAKED, ALLOWED	OR PLAN : !EOUT-1 !RT ON L	ENG I AND	NE	P TO DRAW AIR.	LOW ALT FER	RRY•NO LOAD ABD•
	NETIANNO DI		o o.m centery accomed	2.10 51(1		. 0.11	DIVAN ATIVE	7/- '-'	

FILE	DATE	LOCATION	AIRCRAFT DATA		IES S M/N	FLIGHT PURPOSE	PILOT DATA
3-1646	TIME - 0520 DEPARTURE P		PIPER PA-25 N4603Y DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 PX- 0	0 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 31, 694 10TAL HOURS, 170 IN TYPE, INSTRUMENT RATED.
	MOSES LAKI TYPE OF ACC STALL MUS	IDENT	LOCAL	Р	-	F OPERATION IGHT FLAREOUT FOR SWATH	H RUN
		COMMAND - MISJU	OGED DISTANCE, SPEED, AND O TO OBTAIN/MAINTAIN FL				<i>\'</i>
	KIND OF COMPILOT'S SECORES — COCKPIT COCKPIT COCKPIT COCKPIT COCKPIT COMPILE COCKPIT COMPILE COCKPIT COCCPIT COCKPIT COCKPIT COCCPIT COCCPIT COCCPIT COCCPIT COCCPIT COCCPIT C	RS IN CROP CONTI ROP - GRAIN FIEL EAT BELT - FASTI NOT USED RASHPAD - NOT II ER-LOCATION - FO	.DS ENED-PROPERLY NSTALLED DRWARD OF PILOT ATED-FEET - 1200		TYPE GLOVE CRASH CRASH TERRA	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQUI SS - NOT USED. HELMET - AVAILABLE USED BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - CROSSW	ID CHEMICAL-TOXIC
3 - 1159	7/14/79 NR TIME - 0630		PIPER PA-36 N57591 DAMAGE-SUBSTANTIAL	PX - 0	0 1 0 0	COMMERCIAL ASSOC CROP CTL ACTIVIT	COMMERCIAL, FL.INSTR., Y AGE 31, 5085 TOTAL HOURS, 530 IN TYPE, INSTRUMENT RATED.
•	I TND - WA	DINT	INTENDED DESTINATION LOCAL			a	NATED.
	TYPE OF ACC ENGINE FA NOSE OVER	IDENT ILURE OR MALFUN /DOWN	CTION		IN FL	F OPERATION IGHT RETURN TO STRIP NG ROLL	
	MISCELLAN FACTOR(S) TERRAIN - COMPLETE PO	COMMAND - INADE EOUS ACTS,CONDI WET,SOFT GROUNG WER LOSS - COMP	OUATE PREFLIGHT PREPARA FIONS - WATER IN FUEL O LETE ENGINE FAILURE/FLA FORCED LANDING OFF AIRPO	MEOUT-1 E	NGINE	NNING	
	KIND OF COUNTY S S GOGGLES - COCKPIT C	RS IN CROP CONT ROP - POTATOES EAT BELT - UNKN	OWN/NOT REPORTED		TYPE GLOVE CRASE	OF OPERATION - SPRAYING OF CHEMICAL USED - LIQU' ES - NOT USED HELMET - AVAILABLE USED BAR - INSTALLED	ID CHEMICA'L-TOXIC

FILE			AIRCRAFT DATA	F	S	1/N	PURPOSE		PILOT DATA
	7/20/79 N TIME - 113	R.MATTAWA,WA	DAMAGE-SUBSTANTIAL	CR-	0 0	1	COMMERCIAL		PRIVATE, AGE 26, 1650 TOTAL HOURS, 750 IN TYPE, NOT INSTRUMENT RATED.
	-	RPORT - MATTAWA STR POINT II	=						
	TYPE OF AC	CIDENT ON WITH GROUND/WATER					F OPERATION OFF INITIAL CL	IMB	•
		AUSE(S) - LOCAL WHIRLWIND							
		NEOUS ACTS, CONDITION - HIGH DENSITY ALTI	NS - JETTISONED LOAD						
			OF BRIEFING RECEIVED						
	SKY CONDIT	ION					AT ACCIDENT S	I TE	
	5 OR OVE	AT ACCIDENT SITE R(UNLIMITED)			N(NE	TATION AT ACCI		•
	OBSTRUCTIO NONE	NS TO VISION AT ACC	IDENT SITE			TIV ALM	E BEARING OF W	IND	·
	TEMPERATUR 97	E∸F				OF	WEATHER CONDI	TIONS	
	TYPE OF FL NONE	IGHT PLAN							÷
	SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 1200 KIND OF CROP - POTATOES PILOT'S SEAT BELT - FASTENED-PROPERLY				T,	PE.	OF OPERATION - OF CHEMICAL US S - NOT USED		ROPS CHEMICAL-NONTOXIC
	GOGGLES COCKPIT	- NOT USED CRASHPAD - INSTALLED PER-LOCATION - FORW)		CF	A'SH	HELMET - AVAI BAR - INSTALL		
	REMARKS- N	EAR MAX GROSS WT. DE	ENSITY ALT ABOUT 3500	FT.SHL	DR H	RNE	SS FOLDED IN R	EEL AGAINST	LATCH DOG.

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR F	IES S M/N	FLIGHT PURPOSE	PILOT DATA
	9/6/79 TIME - 16 DEPARTURE ARLINGTO TYPE OF A	NR.ARLINGTON,WA 645	HILLER FH1100 N377FH DAMAGE-DESTROYED INTENDED DESTINATION ARLINGTON, WA	CR- O PX- O	1 0 0 0	COMMERCIAL	COMMERCIAL, AGE 28, 991 TOTAL HOURS, 69 IN TYPE, INSTRUMENT RATED.
	FACTOR(S) TERRAIN	IN COMMAND - FAILE N - HIGH OBSTRUCTI	D TO MAINTAIN ADEQUATE F ONS TIONS — JETTISONED LOAD	ROTOR R.F	'.M.		
	KIND OF PILOT'S GOGGLES COCKPIT TANK/HO	DATA HOURS IN CROP CONT CROP - FOREST-TR S SEAT BELT - FAIL C - NOT USED T CRASHPAD - NOT I DPPER-LOCATION - B ION-AREA BEING TRE	EES ED ON IMPACT NSTALLED ELLY		TYPE GLOVI CRASH CRASH	OF OPERATION — SPRAYIN OF CHEMICAL USED — LIC ES — USED HELMET — AVAILABLE US BAR — NOT INSTALLED IN-TYPE — HILLY DENSE WITH 1	OUID CHEMICAL-TOXIC
3-3477	TIME - 18 DEPARTURE UNKNOWN, TYPE OF A	E POINT /NOT REPORTED	BELL 47G-4A N13PL DAMAGE-SUBSTANTIAL INTENDED DESTINATION UNKNOWN/NOT REPORTED	P	HASE. (COMMERCIAL AERIAL APPLICATION OF OPERATION IGHT PULLUP FROM SWAT	NOT INSTRUMENT RATED.
	FACTOR (S	IN COMMAND - FAILE)	D TO MAINTAIN ADEQUATE F		. M.		
	KIND OF PILOT'S COCKPIT TANK/HO		OWN/NOT REPORTED NSTALLED IDES	TED	TYPE CRASI CRASI TERR	OF OPERATION - DEFOLIA OF CHEMICAL USED - LIG H HELMET - AVAILABLE US H BAR - NOT INSTALLED AIN-TYPE - HILLY H RUN-HOW FLOWN - WIND	OUID CHEMICAL-NONTOXIC SED

FILE		ON AIRCRAFT DATA						PILOT DATA
		PIPER PA-25 N9769P DAMAGE-DESTROYE	CR - PX-	0	0	1	COMMERCIAL	
	DEPARTURE POINT POUND.₩I TYPE OF ACCIDENT COLLIDED WITH TREE	INTENDED DESTINATION LOCAL	Ν	Р			F OPERATION IGHT PULLUP FROM SWA [:]	
	FACTOR(S)	FAILED TO SEE AND AVOID OF CONDITIONS — SUNGLARE	BJECTS OR	ОВ	STR	UC _. T	IONS	
	KIND OF CROP - OTHE PILOT'S SEAT BELT - GOGGLES - NOT USED COCKPIT CRASHPAD - TANK/HOPPER-LOCATIO	R FASTENED-PROPERLY INSTALLED N - FORWARD OF PILOT G TREATED-FEET - 800			CR CR TEI	PE OVE ASH ASH RRA	OF OPERATION - DEFOLIA OF CHEMICAL USED - LIC S - NOT USED HELMET - AVAILABLE US BAR - INSTALLED IN-TYPE - LEVEL, FLAT RUN-HOW FLOWN - WIND	OUID CHEMICAL-TOXIC
3 - 1432	6/15/79 KINNEAR, WY TIME - 0730 NAME OF AIRPORT - LOC	N66053 DAMAGE-SUBSTANT:	PX-	0	0	1	COMMERCIAL ASSOC CROP CTL ACTIV	COMMERCIAL, AGE 33, 816 ITY TOTAL HOURS, 130 IN TYPE, NOT INSTRUMENT RATED.

			RKIEFS	UF A	CCI	DEN	15			
FILE	DATE	LOCATION	AIRCRAFT DATA	IN		IES S M		FLIGHT PURPOSE		PILOT DATA
3-3653	TIME - 10		CESSNA 188 N53374 DAMAGE-SUBSTANTIAL	CR- PX-	-	-	_	COMMERCIAL ASSOC CROP	CTL ACTIVITY	COMMERCIAL, AGE UNK/NR, 4500 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	DEPARTURE SABANA, TYPE OF A STALL	PR	INTENDED DESTINATION LOCAL		Р			F OPERATION FF INITIAL	CLIMB	
	PILOT I FACTOR(S)	N COMMAND - FAILE N COMMAND - FAILE	D TO OBTAIN/MAINTAIN FLY D TO ABORT TAKEOFF D	ING. S	PEE	D				
	KIND OF PILOT'S GOGGLES COCKPIT	ATA OURS IN CROP CONTI CROP — RICE SEAT BELT — UNKNI — NOT USED CRASHPAD — NOT II PPER-LOCATION — F	OWN/NOT REPORTED NSTALLED			TY GL CR	PE OVE ASH	OF CHEMICAL S - NOT USE	O DT AVAILABLE	G (DUST) EMICAL-NONTOXIC

PAGE 250

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