

NATIONAL TRANSPORTATION SAFETY BOARD

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Doc NTSB AMM 78

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E-RAU WASHINGTON, D.C. 20594

BRIEFS OF ACCIDENTS INVOLVING COMMUTER AIR CARRIERS AND ON-DEMAND AIR TAXI OPERATIONS

U.S. GENERAL AVIATION 1977

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UNITED STATES GOVERNMENT



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air taxi accidents that and 180 on-demand air ta conditions, circumstance statistical information	ontains reports of commuter ai: occurred in 1977. Included are axi accident briefs. The bries es and probable cause(s) for es is tabulated by type of opera d related factor(s). This publi	e 37 commuter air carrier f format presents the facts, ach accident. Additional tion, injuries, aircraft	
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FOREWORD

This report contains aircraft accident information involving CFR 14 Part 135 air taxi operations. It is divided into three parts as follow:

> Part 1 - All Air Taxi accidents Part 2 - Commuter Air Carrier accidents Part 3 - On-Demand Air Taxi accidents

Each part contains statistical tables which tabulate and summarize selected accident information, such as accident types, operational phases, injuries, causes and related factors, and types of operation. In addition parts 2 and 3 contain accident listings in file order sequence and Briefs of Accidents in sequence by state and date of occurrence.

The accident rates per 100,000 hours flown for Commuter Air Carriers, On-Demand Air Taxi, and all Air Taxi accidents are as follows:

	Accide		Hours	Accider Per 100,000	it Rates
	Total	Fatal	Hours Flown	Total	Fatal
Commuters	37	8	1,143,651 <u>1/</u>	3.24	0.70
On-Demand	180	36	3,063,749 <u>2/</u>	5.88	1.18
All Air Taxi	217	44	4,207,400 <u>3</u> /	5.16	1.05

- 1/ Source: Civil Aeronautics Board. This exposure data is reported quarterly to the CAB on CAB Form 298-C, Schedule A-1, and includes hours flown, miles flown, departures, and passenger miles flown.
- 2/ This figure is an <u>estimate</u> of the On-Demand Air Taxi hours flown. It was derived by subtracting the Commuter Air Carrier hours flown, as reported by the CAB, from the total Air Taxi hours flown, as reported by the FAA.
- 3/ Source: This figure has historically been provided by the Federal Aviation Administration as compiled from the aircraft owners completion of AC Form 8050-73. In 1977 the FAA instituted a new statistical sampling procedure to gather exposure data. At the time of this publication the exposure data from this new sampling procedure had not yet been released by the FAA. The FAA has, however, provided forecast hours flown for calendar year 1977 which have been used to compute the accident rate information contained in this publication. Since no forecast hours flown by state have been released, the accident rates by state of occurrence that appeared in the 1976 edition have been omitted from this publication. This rate data may be subject to revision at such time the FAA releases final exposure figures for 1977 general aviation operations.

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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TABLE OF CONTENTS

	Page	
Foreword	iii	,
Table of Contents	v	
Explanatory Notes	vii	
All Air Taxi Operations	·	
Ten Years of Air Taxi Accident Rates	1	
Injury Table	2	
Type of Operation by Injury Index	3	
Type of Operation by Number of Injuries	4	
Type of Operation by Aircraft Weight	5	
Commuter Air Carrier Operations		
Accidents, Fatalities, and Rates	6	•
Injury Table	7	
Airport Proximity by Weather Condition	8	
Type of Flight Plan by Condition of Light	9	
First Type of Accident by Aircraft Damage	10	
First Phase of Operation by Injury Index	12	
Cause/Factor Table	14	
Listing of Accidents	18	
Briefs of Accidents	20	

On-Demand Air Taxi Operations

۰,

Accidents, Fatalities, and Rates	38
Injury Table	39
Airport Proximity by Weather Condition	40
Type of Flight Plan by Condition of Light	41
First Type of Accident by Aircraft Damage	42
First Phase of Operation by Injury Index	44
Cause/Factor Table	46
Listing of Accidents	52
Briefs of Accidents	61

EXPLANATORY NOTES

U.S. GENERAL AVIATION

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

U.S. AIR CARRIER

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

DEFINITIONS

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

Aircraft Accident

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

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

Serious Injury

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

Substantial Damage

 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.
 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.

DEFINITIONS

Commuter Air Carrier

As defined in CFR 14, Part 298, paragraph 298.2 (f), a commuter air carrier is an air taxi operator which (1) performs at least five round trips per week between two or more points and publishes flight schedules which specify the times, days of the week and places between which such flights are performed, or (2) transport mail by air pursuant to contract with the United States Postal Service.

On-Demand Air Taxi Operation

Any CFR 14, Part 135 nonscheduled air taxi operation.

All Revenue Operations

The carrying of persons, property or mail for compensation during commuter air carrier operations. Non revenue operations such as training ferry flights are not included.

All Passenger Operations

The carrying of persons for compensation during commuter air carrier operations. Flights carrying property or mail in addition to revenue passengers are considered passenger operations.

All Cargo Operations

The carrying of property for compensation during commuter air carrier operations. Flights carrying both property and mail will be considered cargo operations.

All Mail Operations

Flights conducted exclusively for the transport of U.S. mail. These flights are conducted pursuant to a current contract with the U.S. Postal Service.

EXPLANATORY NOTES

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.

COLLISION BETWEEN AIRCRAFT

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

EXPLANATORY NOTES

CAUSES AND RELATED FACTORS

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

AIRCRAFT WEIGHT CATEGORIES

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

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

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LIST OF ABBREVIATIONS USED IN BRIEFS AERIAL ADVERTISE AERIAL ADVERTISING ATR, FLIGHT INSTR. AIRLINE TRANSPORT INSTRUCTOR AIR SHOW/RACING AIR SHOW/AIR RACING AIR TAXI-CARGO AIR TAXI-CARGO OPERATIONS AIR TAXI-PASSG AIR TAXI-PASSENGER OPERATIONS APPROACH CTL-DEPARTURE APPRDACH 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 CORPORATION/EXECUTIVE CORP/EXEC CR-CREW CTR CARGO-D CONTRACT/CHARTER-CARGO-DOMESTIC CTR CARGO-I CONTRACT/CHARTER-CARGO-INTERNATIONAL CTR PASSG-D CONTRACT/CHARTER-PASSENGER-DOMESTIC CTR PASSG-I CONTRACT/CHARTER-PASSENGER-INTERNATIONAL LAST ENROUTE STOP LAST PLANNED EN ROUTE LANDING POINT AERIAL MAPPING/PHOTOGRAPHY MAPPING/PHOTO MILITARY CONTRACT-CARGO-INTERNATIONAL MIL CONTRACT CARGO INTL MIL CONTRACT PASSG INTL MILITARY CONTRACT-PASSENGER-INTERNATIONAL MILITARY CTR CARGO DOM MILITARY CONTRACT-CARGO-DOMESTIC MILITARY CONTRACT-PASSENGER-DOMESTIC MILITARY CTR PASSG DOM MIL/CTR CARGO MILITARY CONTRACT-CARGO MILITARY CONTRACT-PASSENGER MIL/CTR PASSG NEAR NR . NS CTR CARGO NONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE NS CTR PASSG NONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC NS CTR REVENUE CARGO DOM NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL NS CTR REVENUE CARGO INTL NS CTR REVENUE PASSG DOM NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC NS CTR REVENUE PASSG INTL NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL OTHER AIRCRAFT AND GROUND 0T-PARACHUTE JUMP PRIVATE FLIGHT INSTRUCTOR PARAJUMP PRIVATE, FL.INST R. PX-PASSENGERS RADAR CTL/SURVEILLANCE RADAR CONTROL/SURVEILLANCE SCHED CARGO SRV SCHEDULED CARGO SERVICE SCHED DOM PASSG SRV SCHEDULED DOMESTIC CARGO SERVICE SCHEDULED DOMESTIC PASSENGER SERVICE SCHED DOM CARGO SRV SCHED INTERNATL CARGO SRV SCHEDULED INTERNATIONAL CARGO SERVICE SCHED INTERNATL PASSG SRV SCHEDULED INTERNATIONAL PASSENGER SERVICE SCHED PASSG SRV SCHEDULED PASSENGER SERVICE S-D SCHEDULED DOMESTIC S-- T SCHEDULED INTERNATIONAL UNK/NR UNKNOWN/NOT REPORTED

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PART 1

ALL AIR TAXI ACCIDENTS

I

Air Taxi Accidents U.S. General Aviation 1968-1977

Year	Air Taxi Hours Flown 1/	Total Accidents	Total Accident Rate 2/	Fatal Accidents	Fatal Accident Rate 2/	Fatalities
				Accidentes		
1968	1,999,000	180	9.00	46	2.30	111
1969	2,238,000	207	9.25	29	1.30	142
1970	2,481,000	190	7.66	38	1.53	100
1971	2,225,000	148	6.65	33	1.48	109
1972	2,555,000	147	5.75	42	1.64	121
1973	3,066,200	165	5.38	44	1.44	113
1974	3,639,500	191	5.25	40	1.10	111
1975	3,688,300	203	5.50	37	1.00	98
1976	3,946,800	188	4.76	47	1.19	133
1977	4,207,400	217	5.16	44	1.05	155

1/ Source: Federal Aviation Administration

2/ Accident Rates per 100,000 hours flown.

- 1 -

ACCIDENTS, INJURIES AIR TAXI - ALL OPERATIONS . U.S. GENERAL AVIATION 1977

				INJURIES		
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	TOTAL
PILOT	. 39	16	30	132		217
COPILOT DUAL STUDENT CHECK PILOT	9	2	3	17		31
FLIGHT ENGINEER NAVIGATOR						
CABIN ATTENDANT	1	1	1	2		5
EXTRA CREW	1			4		. 5
PASSENGERS	102	34	48	301		485
TOTAL	152	53	82	456		ABOARD 743
* OTHER AIRCRAFT				4		4
OTHER GROUND	3	3	3	2		11
GRAND TOTAL	155	56	85	462		758

INVOLVES 217 TOTAL ACCIDENTS 44 FATAL ACCIDENTS INVOLVES

.

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.

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TYPE OF OPERATION BY INJURY INDEX

INJURY INDEX

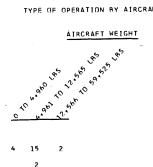
TYPE OF OPERATION	in the second with work	RECORDS	ACCIDENTS PERCENT
SCHEDULED DOMESTIC PASSG.SVC	5 3 2 11	21	21 9.68
SCHEDULED INTL PASSG SERVICE	1 1	2	2.92
SCHEDULED DOMESTIC CARGO SVC	2 3 3 6	14	14 6.45
SCHEDULED INTL'CARGO SERVICE			·
CHARTER-PASSENGER-DOMESTIC	22 11 16 59	108	108 49.77
CHARTER-CARGQ-DOMESTIC	12 6 10 32	60	60 27.65
MIL CONTRACT-PASSG-DOMESTIC			
MIL CONTRACT-CARGO-DOMESTIC			
TEST			
TRAINING			
FERRY-DOMESTIC	1 1 2 7	11	11 5.07
COMPANY FLIGHT			
CHARTER-PASSG-INTL			
CHARTER-CARGO-INTL			
MIL CONTRACT-PASSG-INTL			
MIL CONTRACT-CARGO-INTL			·
FERRY-INTERNATIONAL	1	5 1	1 .46
OTHER			
			•
RECORDS	44 24 33 116	217	
ACCIDENTS	44 24 33 116		217
PERCENTS	20.3 11.1 15.2 53.5		

Injuries By Type of Operation Air Taxi Accidents - All Operations U.S. General Aviation 1977

Type of Operation	Fatal	Serious	Minor	None	Total
Sched Domestic Pass Serv	22	7	4	132	165
Sched Inter Pass Serv	5	2	3	10	20
Sched Domestic Cargo Serv	4	4	4	9	21
Nonsched Dom Pass Serv	106	34	56	254	450
Nonsched Dom Cargo Serv	15	8	16	49	88
International Ferry	1	0	0	0	1
Ferry	2	1	2	8	13
		-			
Total	155	56	85	462	758

WEIGHT түр

ΡĒ	0F	OPERATION	RΥ	AIRCRAFT	



2

12 2

2

76 28 4

27 31

> 6 5

> > 1

RE	CORDS ACC	IDENTS P	PERCENT
21	21	9.6	58
2	2	••	92
14	14	6.4	45
108		49.	77
60	60	27.6	55
	χ.		
11	. 11	5.0	07

1

217

1

217

.46

TYPE OF OPERATION

SCHEDULED DOMESTIC PASSG.SVC SCHEDULED INTL PASSG SERVICE SCHEDULED DOMESTIC CARGO SVC SCHEDULED INTL CARGO SERVICE CHARTER-PASSENGER-DOMESTIC CHARTER-CARGO-ODMESTIC MIL CONTRACT-PASSG-DOMESTIC MIL CONTRACT-CARGO-DOMESTIC TEST TRAINING FERRY-DOMESTIC COMPANY FLIGHT CHARTER-PASSG-INTL CHARTER-CARGO-INTL MIL CONTRACT-PASSG-INTL MIL CONTRACT-CARGO-INTL FERRY-INTERNATIONAL OTHER

RECORDS	115	94	R
ACCIDENTS	115	94	8
PERCENTS	53.0	43.3	3.7

PAGE 5

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PART 2

COMMUTER AIR CARRIER ACCIDENTS

1

.

Accidents, Fatalities and Rates Commuter Air Carriers 1977

A set lends	All Revenue Operations	Passenger	All Cargo	<u>All Mail</u>
Accidents	77	07	11	7
Total	37	23 6	11 2	3 0
Fatal Fatalities	δ	0	2	0
Passenger	21	20	1	0
Crew	10	20	3	0
Others	0	0	0	0
Total	31	27	4	0
lotal	51	21	4	0
Aircraft Hours Flown	1,143,651	869,279	23 9, 030	35,142
Aircraft Miles Flown(000)	194,166	140,409	48,322	5,435
Revenue Passenger				
Miles Flown(000)	N/A	943,001	N/A	N/A
	•	•		
Departures	1,728,948	1,498,380	187,134	43,434
Accident Rate Per				
100,000 Hours Flown				
Total	3.24	2.65	4.60	8.54
Fatal	.70	.69	.84	.00
Accident Rate Per				
Million Miles Flown				
Total	.19	.16	.23	.58
Fatal	. 04	.04	.04	.00
Accident Rate Per				
100,000 Departures				
Total	2.14	1.53	5.89	6.91
Fatal	.46	.40	1.07	.00
Passenger Fatality Rate				
Per 100 Million			· •	
Passenger Miles	N/A	2.12	N/A	N/A

4 δ 1

ACCIDENTS, INJURIES COMMUTER AIR CARRIER OPERATIONS U.S. GENERAL AVIATION 1977

				INJURIES			
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN -		TOTAL
PILOT	7	6	3	21			37
COPILOT	2	1	1	8			12
DUAL STUDENT	· .						
CHECK PILOT							
FLIGHT ENGINEER							
NAVIGATOR							
CABIN ATTENDANT		1		2			3
EXTRA CREW	1						1
PASSENGERS	21	5	7	118			151
TOTAL	31	13	11	149		ABOARD	204
TOTAL	51	15		149		AUUARD	204
					•		
* OTHER AIRCRAFT OTHER GROUND				2			2
other ordered							
							201
GRAND TOTAL	. 31	13	. 11	151			206
		-					

INVOLVES	37	TOTAL	ACCIDENTS
INVOLVES	8	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.

- 7

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AIRPORT PROXIMITY BY WEATHER CONDITION

	WEATHER	CONDITION	
--	---------	-----------	--

	MUMS	
14ª 14ª	BELOW HININGS	
74 14	<u></u>	

1

27 9 1

27 9 1

73.0 24.3 2.7

AIRPORT PROXIMITY

RECORDS

ACCIDENTS

PERCENTS

ON ALRPORT	13	4
ON SEAPLANE BASE	1	
ON HELIPORT ·		
ON BARGE/SHIP/PLATFORM		
IN TRAFFIC PATTERN	1	
WITHIN 1/4 MILE	1	
WITHIN 1/2 MILE	1	
WITHIN 3/4 MILE		
WITHIN 1 MILE	1	
WITHIN 2 MILES	2	1
WITHIN 3 MILES	1	
WITHIN 4 MILES		1
WITHIN 5 MILES	1	
BEYOND 5 MILES	5	3
UNKNOWN/NOT REPORTED		
· · · ·		

ACCIDE	NTS	PERCENT
17	45	•95
1	2	.70
2	5	•41
1	2	.70
1	2	.70
1	2	.70
3	8	•11
1	2	•70
1	2	.70
1	2	.70
8	21	.62
	17 1 2 1 1 1 3 1 1 1 1	17 45 1 2 2 5 1 2 1 2 1 2 3 8 1 2 1 2 1 2 1 2

37

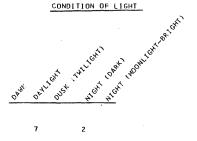
37

PAGE	8
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TYPE OF FLIGHT PLAN BY CONDITION OF LIGHT

CONDITION OF LIGHT



TYPE OF FLIGHT PLAN

PERCENTS

					·
NONE		7		2	
VFR	1	8	1		1
IFR	2	5		8	1
CONTROLLED VFR					
IFR (VFR CONDITIONS ON TOP)					
TOWER EN ROUTE CONTROL SERVICE					
DVFR					
VFR FLIGHT FOLLOWING SERVICE					
SPECIAL VFR			1		
OTHER					
UNKNOWN/NOT REPORTED					
RECORDS	3	20	2	10	2
					-
ACCIDENTS	3	20	2	10	2

8.1 54.1 5.4 27.0 5.4

11	11	29.73
16	16	43.24

. 9

RECORDS ACCIDENTS PERCENT

9

24-32

1 1 2.70

37 37 .

PAGE 9

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE

		AIRCRAFT DAMAGE			
<u>. T Y P</u>	FIRST E OF ACCIDENT	DESPERTED AND NONE	RECORDS	ACCIDE	NTS PERCENT
				-	
	GROUND-WATER LOOP-SWERVE	1	1	1	2.70
	DRAGGED WINGTIP POD OR FLOAT				
	WHEELS-UP LANDING	2	2	2	5.41
	WHEELS-DOWN LANDING IN WATER				
	GEAR COLLAPSED	2	2	2	5.41
	GEAR RETRACTED	2	2	2	5.41
	HARD LANDING	1	1	1	2.70
	NDSE OVER/DOWN				
	ROLL DVER	•			
	DVERSHOOT	3	3	3	8.11
	UNDERSHOOT				
	COLLISION BETWEEN AIRCRAFT				
	BOTH IN FLIGHT				
•	ONE AIRBORNE				
	BOTH ON GROUND	1	1	1	2.70
	COLLISION WITH GROUND/WATER				
	CONTROLLED	2 ·	2	2	5.41
	UNCONTROLLED				
	COLLIDED WITH				
	WIRES/POLES				
	TREES	· 1	1	1	2.70
	RESIDENCE/S				
	BUILDING/S				
	FENCE, FENCEPOSTS				
	ELECTRONIC TOWERS				
	RUNWAY OR APPROACH LIGHTS				
	AIRPORT HAZARD				
	ANIMALS				
	CROP				
	FLAGMAN LOADER				
	DITCHES				
	SNOWBANK				
	PARKED AIRCRAFT (UNATTENDED)				
	AUTOMOBILE	. i	1	1	2.70
	DIRT BANK				
	OTHER	1	1	1	2.70
	BIRD STRIKE				

PAGE 10

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE

FIRST	DESPOSIO AND ROME		·	
E OF ACCIDENT	DES SUID MIT NO	*	RECORDS	ACCIDENTS PERCEN
STALL				
SPIN	2		2	2 5.41
SPIRAL				
MUSH				
FIRE OR EXPLOSION				
IN FLIGHT	1		1	1 2.70
ON GROUND	1		1	1 2.70
AIRFRAME FAILURE				
IN FLIGHT				
ON GROUND				
ENGINE TEARAWAY				
ENGINE FAILURE OR MALFUNCTION	4 6		10	10 27.03
PROPELLER/ROTOR FAILURE				
PROPELLER	2		2	2 5.41
TAIL ROTOR				
MAIN ROTOR				
PROP ROTOR ACONT TO PERSON				
JET INTAKE/EXH ACONT TO PERS				
PROPELLER/JET/ROTOR BLAST				
TURBULENCE	1		. 1	1 2.70
HAIL DAMAGE TO AIRCRAFT				4
LIGHTNING STRIKE				
EVASIVE MANEUVER				
UNCONTROLLED ALT DEVIATION				
DITCHING				
MISSING ACFT NOT RECOVERED	1		1	1 2.70
MISCELLANEOUS/OTHER	1		1	1 2.70
UNDETERMINED	1		1	1 2,70
			37	
RECORDS	13 23 1			37
ACCIDENTS				
PERCENTS	35.1 62.2 .0 2.7			
· .				

FIRST PHASE OF OPERATION BY INJURY INDEX

INJURY INDEX

FATALERIOUS NOR NE

FIRST

OPERATIONAL PHASE

STATIC									
. STARTING ENGINE/S									
IDLING ENGINE/S									
ENGINE RUNUP									
IDLING ROTORS									
PARKED-ENGINES NOT OPERATING									
OTHER									
ΤΑΧΙ									
TO TAKEOFF									
FROM LANDING				3			3	з	8.11
OTHER									
GROUND TAXE TO TAKEOFF									
GROUND TAXI FROM LANDING									
GROUND TAXI. OTHER									
AERIAL TAXI TO TAKEOFF									
AFRIAL TAXI TO/FROM LANDING									
AERIAL TAXI, OTHER									
TAKEOFF									
RUN				1			1	1	2.70
INITIAL CLIMB		3	1	3			7	7	18.92
VERTICAL									
RUNNING (ROTORCRAFT/VTOL-STOL)									
ABORTED⇔ (FIXED-WING)						·			
ABORTED (ROTORCRAFT/VTOL)									
ABORTED (ROTORCRAFT/STOL)									
OTHER									
INFLIGHT									
CLIMB TO CRUISE									
NORMAL CRUISE	5	5 2	2	2			11	11	29.73
DESCENDING									
HOLDING (IFR)									
HOVERING									
POWER-ON DESCENT (ROTORCRAFT)									
AUTORDTATIVE DESCENT									
ACRUBATICS									
BUZZING									
UNCONTROLLED DESCENT									

RECORDS ACCIDENTS PERCENT

PAGE 12

FIRST PHASE OF OPERATION BY INJURY INDEX

<u>/INJURY_INDEX</u>

FIRST OPERATIONAL PHASE	44 44	EPIOUS MIT	408 NE		RECORDS	ACCIDEN	TS PERCENT
EMERGENCY DESCENT							
LOW PASS	1				1	1	2.70
DTHER							
EN ROUTE TO TREAT CROP							
EN ROUTE TO RELOADING AREA							
SURVEY FIELD/AREA							
STARTING SWATH RUN							
SWATH RUN							
FLAREOUT FOR SWATH RUN							
PULLUP FROM SWATH RUN							
PROCEDURE TURNAROUND							
CLEANUP SWATH							
MANEUVER TO AVOID OBSTRUCTION							
RETURN TO STRIP							
LANDING							
TRAFFIC PATTERN-CIRCLING		1			1	۱	2.70
FINAL APPROACH (VFR)	1				1	1	2.70
INITIAL APPROACH							
FINAL APPROACH (IFR)	1				1	۱	2.70
LEVEL OFF/TOUCHDOWN		2	4		6	6	16.22
ROLL (FIXED WING)			5		5	5	13.51
ROLL-ON/RUN-ON (ROTORCRAFT)							
POWER-ON LANDING (ROTORCRAFT)							
POWER-OFF AUTOROTATIVE LDG							
GD-AROUND (VFR)							
MISSED APPRDACH (IFR)							
OTHER							
UNKNOWN'NOT REPORTED							
RECORDS	8	65	18		37		
ACCIDENTS	8	6 5	18			37	
ACCIDENTS	0	., ,	1.0				

PAGE 13

21.6 16.2 13.5 48.6

PERCENTS

CAUSE/FACTOR TABLE

COMMUTER AIR CARRIER ACCIDENTS U.S. GENERAL AVIATION 1977

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 36 TOTAL ACCIDENTS

INVOLVES 8 FATAL ACCIDENTS

- 14 -

	F AT	AL ACCID	ENTS	NONFA	TAL ACCI	DENTS	ALL ACCIDENTS			
BROAD CAUSE/FACTOR	C AU SE	FAC TOR	TO TAL *	CAUSE	FAC TOR	TO TA L *	CAUSE	FAC TOR	TO TAL *	
PILOT	6 75•00	.00	6 75.00	17 60•71	3 10.71	18 64.29	23 63.89	3 8•33	24 66.67	
PERSONNEL	1 12.50	•00	1 12•50	5 17.86	1 3•57	6 21•43	6 16.67	1 2•78	7 19•44	
AIRFRAME	• 00	•00	•00	1 3.57	•00	1 3.57	1 2.78	•00	1 2.78	
LANDING GEAR	•00	.00	•00	2 7.14	1 3.57	3 10•71	2 5•56	1 2•78	3 8.33	
POWERPLANT	1 12.50	.00	1 12.50	8 28•57	•00	8 28•57	9 25.00	•00	9 25.00	
SYSTEMS	•00	.00	•00	•00	•00	•00	.00	•00	.00	
INSTRUMENTS/EQUIPMENT & ACCESSORIES	•00	•00	•00	•00	•00	•00	•00	•00	•00	
ROTORCRAFT	•00	.00	•00	.00	•00	•00	.00	•00	•00	
AIRPORT/AIRWAYS/FACILITIES	•00	.00	•00	3 10.71	5 17.86	8 28.57	3 8.33	5 13•89	8 22.22	
WEATHER	•00	1 12.50	1 12•50	2 7.14	7 25.00	9 32 . 14	2 5.56	8 22•22	10 27.78	
TERRAIN	1 12.50	1 12.50	2 25.00	2 7.14	2 7.14	4 14.29	3 8.33	3 8.33	6 16.67	
MISCELLANEOUS	• 00	.00	•00	.00	.00	•00	•00	•00	•00	
UNDETERMINED	2 25•00	•00	2 25.00	•00	•00	•00	2 5.56	•00	2 5.56	

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

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

CAUSE/FACTOR TABLE

COMMUTER AIR CARRIER ACCIDENTS U.S. GENERAL AVIATION 1977

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 36 TOTAL ACCIDENTS

INVOLVES

8 FATAL ACCIDENTS

	FATAL ACCIDENTS				TAL ACCI		ALL ACCIDENTS			
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	F AC TOR	TOTAL	CAUSE	FAC TOR	TOTAL	
** PILOT **			4							
PILOT IN COMMAND ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS OELAYED ACTION IN ABORTING TAKEOFF FAILED TO SEL AND AVOID OTHER AIRCRAFT FAILED TO GBTAIN/MAINTAIN FLYING SPEED FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS PREMATURE LIFT OFF IMPROPER LOPEL OFF IMPROPER IFN OPERATION IMPROPER INFLIGHT DECISIONS OR PLANNING	1 2 2		1 2 2	1 2 1 3 1 1 1 1	1	1 1 2 1 3 2 1 1 1	1 2 1 1 1 1 2 3	1	1 2 1 4 2 1 1 1 2 3	
INADEGUATE PREFLIGHT PREPARATION AND/OR PLANNING MISMANAGEMENT OF FUEL FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED MISJUDGED DISTANCE AND SPEED PHYSICAL IMPAIRMENT MISUSED OR FAILED TO USE FLAPS FAILED TO MAINTAIN DIRECTIONAL CONTROL SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND FAILED TO INITIATE GO-AROUND	2 2		2 2	1 2 3 2 1 1 1 2	1	2 2 3 1 1 1 1 2	3 4 3 2 1 1 1 2	1	4 3 2 1 1 1 1 2	
SUBTOTAL	9		9	25	4	29	34	4	38	
OPERATIONAL SUPERVISORY PERSONNEL WEATHER PERSONNEL TRAFFIC CONTROL PERSONNEL AIRPORT SUPERVISORY PERSONNEL AIRWAYS FACILITIES PERSONNEL PRODUCTION-DESIGN-PERSONNEL	1 1		1	3	1	1 3	4	1	1~~~ 4 ~~	
MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE THIRD PILOT FLIGHT ENGINEER				1		1	1		1	
FLIGHT PERSONNEL FLIGHT ATTENDANT DISPATCHING (AIR CARRIER ONLY)				1		1	1		Û	
SUBTOTAL	1		1	5	1	6	6	1	۲	
** AIRFRAME **										
WINGS FUSELAGE DOORS, DOOR FRAMES LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY LANDING GEAR WARNING AND INDICATING COMPONENTS GEAR LOCKING MECHANISM FLIGHT CONTROL SURFACES				1 1 1	1	1 1 1 1	1 1 1	1	1 1 1	
SUBTOTAL				3	1	4	3	1	4	
** POWERPLANT **										

ENGINE STRUCTURE

CAUSE/FACTOR TABLE

POWERPLANT (CONTINUED)

POWERPLANT (CONTINUED)	FAT				TAL ACCI		ALL ACCIDENTS			
DETAILED CAUSE/FACTOR		FAC TOR			FAC TOR		CAUSE	FAC TOR	TO TAL	
CYLINDER ASSEMBLY						1	1		1	
IGNITION SYSTEM MAGNETOES				1		1	1		1	
LEADS FUEL SYSTEM				1		1	1		1	
TANKS. LINES AND FITTINGS	1		1.	1		1	1 1		1	
CARBURETOR LUBRICATING SYSTEM				1		ļ	1		1	
COOLING SYSTEM Propeller and accessories										
BLADES EXHAUST SYSTEM				1		1	1		1	
ENGINE ACCESSORIES ENGINE CONTROLS										
POWERPLANT-INSTRUMENTS MISCELLANEOUS										
POWERPLANT FAILURE FOR UNDETERMINED REASONS REDUCTION GEAR ASSEMBLY				1		1	1		1	
GEARS, ACCESSORY DRIVE Compressor Assembly				1		1	1		1	
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										
ENGINE INDICATING EQUIPMENT Engine installation										
SUBTOTAL	1		1	8		8	9		9	
** AIRPORTS/AIRWAYS/FACILITIES **										
AIRPORT FACILITIES AIRPORT CONDITIONS										
WET RUNNAY ICE/SLUSH ON RUNWAY				2	1 1	3 1	2	1	3 1	
HIGH VEGETATION HIDDEN HAZARD				1	i	1 1	1	i	i 1	
POORLY MAINTAINED RUNWAY SURFACE ICE/SLUSH ON RAMP/TAXIWAY					1 1	1	•	1 1	1	
AIRWAYS FACILITIES					•	-		-	-	
SUBTOTAL				3	5	8	3	5	8	
** WEATHER **										
LOW CEILING Rain		1	1		3 3	3		4 3	4 3	
FOG ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC		1	1		1	1		2	2	
UNFAVORABLE WIND CONDITIONS SUDDEN WINDSHIFT				1	ī	1	1	ī	1	
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS DOWNDRAFTS, UPDRAFTS				i	1	2	i	1	2	
THUNDERSTORM ACTIVITY					ĩ	i		î	ĩ	
SUBTOTAL		2	2	2	12	14	2	14	16	
** TERRAIN **										
SNOW-COVERED ROUGH/UNEVEN				1	1	1 1	1	1	1 1	
HIGH OBSTRUCTIONS	1	. 1	2	ī	1	2	2	2	4	
SUBTOTAL	1	1	2	2	2	4	3	3	6	

PAGE 16

CAUSE/FACTOR	TABLE
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	FAT	AL ACCID	ENTS	NONFATAL ACCIDENTS			ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** MISCELLANEOUS **									
UNDETERMINED	2		2				2		2
SUBTOTAL	2		2				2		2
GRAND TOTAL	14	3	17	48	25	73	62	28	90
** MISCELLANEOUS ACTS, CONDITIONS **									
POOR WELD LEAK/LEAKAGE DOWNWIND DISCONNECTED EXCESSIVE-WEAR/PLAY GROUNDED IMPROPERLY INSTALLED SHEARED SEAT BELT SIGN ON FIRE IN WING INTENTIONAL GROUND-WATER LOOP-SWERVE RAN OFF END OF RUNWAY IMPROPER EMERGENCY PROCEDURES SEAT BELT NOT FASTENED NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA POORLY PLANNED APPROACH MISCALCULATED FUEL CONSUMPTION FATIGUE FRACTURE	1		1	1 2 1 1 1 1 1 1 1 1 2	5 1 4 1 1	1 25 1 1 1 1 1 1 2 4 2 1 1 1 1 2	1 3 1 1 1 1 1 1 1 1 2	5 1 1 4 1 1	1 5 1 1 1 1 1 1 2 4 2 1 1 1 1 2
FAILURE OF TWO OR MORE ENGINES FIRE IN ENGINE CONGESTED TRAFFIC-PATTERN FUEL EXHAUSTION ICE-PROPELLER AIRFRAME ICE	1 2	1	2 2	1 2 1 1	1	1 1 2 1 1	1 1 4 1 1	1	2 1 4 1
WHITEOUT AIRCRAFT CAME TO REST IN WATER HYDROPLANING ON WET RUNWAY OVERLOAD FAILURE		1	1	1	1 2 2 4	1 2 3 4	1	1 3 2 4	1 3 3 4

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

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LISTING OF COMMUTER AIR CARRIER ACCIDENTS U.S. GENERAL AVIATION 1977 IN FILE ORDER SEQUENCE (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE NUMBER	AIRCRAF REGIST.		LOCATION	A I RC RA F MAKE	MODEL	INJURY INDEX	
3 0112	N73KW	011577	MIAMI,FL	DOUGLAS	DC3A	NONE	AAT AIRLINES D
3 0250	N321D	021477	COVINGTON, KY	BEECHCRAFT	D-185	SERIOUS	JOHNSTON AIRWA
3 0388	N1912U	032177	WARREN,ID	CESSNA	TU206F	MINOR	ARNOLD AVIATIO
3 0392	N112NA	021977	SAVOONGA, AK	AERO COMDR	680 FL	SERIOUS	MUNZ NOR THERN
3 0422	N6VM	033077	NEW YORK,NY	DEHAVILLAND	DH - 114	NONE	NEWPORT AERO
3 0624	N7694L	040477	LATROBE, PA	PIPER	PA-31	NONE	CUMBERLAND AIR
3 0677	N555JA	040577	MAUI,HI	BRITTNORMAN	BN-2	NONE	HORIZON AIR
3 0946	NIICS	061077	CATALINA,CA	GRUMMAN	G-21A	NONE	CATALINA AIRLI
3 0948	N223LH	040277	NTWIN FALLS, ID	AERO COMDR	500B	MINOR	CENTRAL AIR CH
3 1806	N7338	051777	SAN JUAN, PR	GRUMMAN	G-73	NONE	ANTILLES AIR B
3 1813	N594DE	072577	ROCKLAND, ME	PIPER	PA-23	NONE	DOWNEAST AIRLI
3 1856	N121DW	011477	ST.THOMAS,VI	BRITTNORMAN	BN2A-8	NONE	DORADO WINGS I
3 2316	N79LA	061277	BURLINGTON, VT	BEECH	18G	NONE	BRENNAN & HARG
3 2471	N119L	072277	BEMIDJI, MN	BEECH	D185	NONE	SIZER AIRWAYS
3 2933	N19991	080177	POUGHKEEPSIE,NY	BEECH	99	MINOR	COMMAND AIRWAY
3 2987	N850EX	081177	WESTPORT,CT	BEAGLE	B.206S	FATAL	EXECUTIVE AIRL
3 3017	N7885A	083177	PHILADELPHIA, PA	NORD-AVION	262	SERIOUS	ALTAIR AIRLINE
3 3318	N75FA	081777	PITTSBURGH, PA	BEECH	G185	SERIOUS	FLIGHT EXPRESS
3 3353	N411SA	030477	FRESNO,CA	DEHAVILLAND	DH-114	NONE	SWIFT AIRE INC
3 3448	N7597H	111577	AUSTIN,NV	CESSNA	185	NONE	AVIATION SERVI
3 3830	N8374N	081577	FLUSHING,NY	BEECH	D55	MINOR	MONTAUK CARIBB
			PAGE 18				

PAGE 18

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LISTING OF COMMUTER AIR CARRIER ACCIDENTS U.S. GENERAL AVIATION 1977 IN FILE ORDER SEQUENCE (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE	AIRCRAF			AIRCRAF		INJURY	
NUMBER	REGIST.	• DATE	LOCATION	MAKE	MODEL	INDEX	
						nan mu Gla Am	
3 3888	N36MN	112177	MISSING AIRCRAFT	BRITTNORMAN	BN2A-8	FATAL	MUNZ NORTHERN
3 3899	N4461S	112977	PINEHUR ST, NC	BEÉCH	58	FATAL	RESORT AIR SER
3 3907	N15096	121377	MILWAUKEE,WI	CESSNA	402	NONE	RAPIDAIR, INC
3 4052	N66895	121477	LAKE TAHOE, CA	PIPER	PA-31	NONE	CAL AIR COMMUT
3 4055	N59721	121977	SAN FRANCISCO,CA	PIPER	PA-31	NONE	CALIF COMMUTER
3 4085	N103TA	092477	LKE MINCHUMINA,AK	PIPER	PA-318	SERIOUS	ALASKA CENTRAL
3 4113	N3616B	081777	BUCKEYE LAKE, OH	BEECH	E185	MINOR	FLIGHT EXPRES*
3 4130	N55653	071777	NCOULEE CITY,WA	PIPER	PA-32	NONE	OK AIR, INC.
3 4160	N202GW	122277	CHICAGO,IL	BEECH	E18	NONE	GREAT WESTERN
3 4180	N4917	082577	KAILUA KONA,HI	SKYVAN	SC-7	FATAL	AIR CARGO HAWA
3 4185	N862JA	121977	NVIEQUES, PR	BRITTNORMAN	BN-2A	FATAL	VIEQUES AIR LI
3 4201	N105TA	042177	NRUBY, AK	PIPER	PA-32	NONE	ALASKA CENTRAL
3 4207	N8442E	112277	BURBANK, CA	BELL	47J-2	FATAL	L.A.HELICOPTER
3 4217	N563MA	090677	NILIAMNA, AK	DEHAVILLAND	DHC-6	FATAL	ALASKA AERONAU
3 4236	N4554Q	081377	NYATES CITY, IL	CESSNA	402A	FATAL	BROWER AIRWAYS
3 4251	N5601D	100177	NPLYMOUTH, IN	BEECH	E185	SERIOUS	BLACKHAWK AIR

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF COMMUTER AIR CARRIER ACCIDENTS

U.S. GENERAL AVIATION

1977

(IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA		FS	M/	N	FLIGHT PURPOSE	PILOT DATA	
3-0392	2/19/77 TIME - 10	SAVOONGA•AK 050	AERO COMDR 680 FL N112NA DAMAGE-DESTROYED	CR-	0	1	0	COMMERCIAL)076 YPE,
		AIRPORT - SAVOONGA,AK								
	NOME + AH	E POINT IN K	SAVOONGA+AK							
	TYPE OF #				P٢	IASE	OF	OPERATION		
	COLLISI	ION WITH GROUND/WATER	CONTROLLED			LAN	DIN	IG TRAFFIC PATTERN-CI	RCLING	
	MISCELL FACTOR(S) MISCELL WEATHER WEATHER	ANEOUS ACTS,CONDITION ANEOUS ACTS,CONDITION ANEOUS ACTS,CONDITION A - ICING CONDITIONS- BRIEFING - BRIEFED BY FORECAST - FORECAST SU	S - AIRFRAME ICE S - WHITEOUT NCLUDES SLEET,FREEZ FLIGHT SERVICE PERS							
	SKY CONDI OVERCAS					ILI 500		AT ACCIDENT SITE		
	VISIBILI	TY AT ACCIDENT SITE OR LESS				ECI	ΡΙΤ	ATION AT ACCIDENT SIT	E	
	BLOWING		DENT SITE			10		URE-F		
	WIND DIRE 10	ECTION-DEGREES				ND 12	VEL	OCITY-KNOTS		
		VEATHER CONDITIONS				PE VFR		FLIGHT PLAN		

			S OF ACCIDENTS		
FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
	4/21/77 NR.RUBY,AK TIME - 1145 DEPARTURE POINT RUBY,AK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUN COLLISION WITH GROUND/WA	PIPER PA-32 N105TA DAMAGE-SUBSTANTIAL INTENDED DESTINATION FAIRBANKS+AK CTION	CR- 0 0 1 0 PX- 0 0 2 0 PHASE OF IN FLIG		COMMERCIAL, AGE 36, 2500
	PROBABLE CAUSE(S) POWERPLANT - IGNITION SY MISCELLANEOUS ACTS,CONDI FACTOR(S) TERRAIN - SNOW-COVERED COMPLETE POWER LOSS - COMP EMERGENCY CIRCUMSTANCES - REMARKS- IMPULSE COUPLING	TIONS - EXCESSIVE-WEAR/F LETE ENGINE FAILURE/FLAM FORCED LANDING OFF AIRPO	1EOUT-1 ENGINE DRT ON LAND		
3-4217	9/6/77 NR.ILIAMNA,AK TIME - 1452	DEHAVILLAND DHC-6 N563MA DAMAGE-DESTROYED	PX-11 0 0 0	COMMERCIAL COMMUTER AIR CARRIER NIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 31, 4335 TOTAL HOURS, 1124 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT ILIAMNA,AK TYPE OF ACCIDENT COLLISION WITH GROUND/WA	INTENDED DESTINATION ANCHORAGE,AK TER CONTROLLED		OPERATION GHT NORMAL CRUISE	
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPRO REMARKS- HIT GLACIER ABT 7		DDIES OR WRECKAGE	E WAS NOT POSSIBLE.	
3-4085	9/24/77 LKE MINCHUMINA. TIME - 1400	AK PIPER PA-31B N103TA DAMAGE-DESTROYED		COMMERCIAL COMMUTER AIR CARRIER NIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 35, 3160 TOTAL HOURS, 60 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - LAKE MIN DEPARTURE POINT LKE MINCHUMINA,AK TYPE OF ACCIDENT MISCELLANEOUS DITCHING		TAKEOF	OPERATION - INITIAL CLIMB ; LEVEL OFF/TOUCHDOWN	
		IES - AIRPORT CONDITION: TIONS - AIRCRAFT CAME TC FORCED LANDING OFF AIRPO PITCH CONTROL PROBLEM DOOR/PANEL OPEN) REST IN WATER DRT on Water		

			BRIEFS	S OF A	ccı	DEN	ITS		
FILE	DATE L							FLIGHT PURPOSE	PILOT DATA
-3353	3/4/77 FRESN TIME - 1946	O,CA	DEHAVILLAND DH-114 N411SA DAMAGE-SUBSTANTIAL					COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 34, 3800 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT DEPARTURE POINT VISALIA+CA TYPE OF ACCIDENT GEAR RETRACTED		.TERMIN INTENDED DESTINATION FRESNO,CA		P			F OPERATION FF RUN	
	MISCELLANEOUS AIRFRAME - LAN	INTENANCE,SE ACTS,CONDITI DING GEAR G	RVICING,INSPECTION IN ONS - POOR WELD EAR LOCKING MECHANISM EAR STABILIZER,PN 14-2					ENANCE AND INSPECTION GS BRKN AT WELD. L WING	G DMGD ON ROLLOUT.
-0946	6/10/77 CATAL TIME — 1350	INA • CA	GRUMMAN G-21A N11CS DAMAGE-SUBSTANTIAL					COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 56, 25000 TOTAL HOURS, 6000 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT DEPARTURE POINT LONG BEACH.CA TYPE OF ACCIDENT COLLIDED WITH GEAR COLLAPSED	OBJECT	CH INTENDED DESTINATION CATALINA+CA		P	TA	XI	F OPERATION FROM LANDING FROM LANDING	KATED.
	FACTOR(S) MISCELLANEOUS	YS/FACILITIE ACTS,CONDITI	S - AIRPORT CONDITIONS ONS - OVERLOAD FAILUR(HIT SUBMERGED PIECE (E					
-4207	11/22/77 BURBA TIME - 1534 NAME OF AIRPORT DEPARTURE POINT	- HOLLYWOOD-	BELL 47J-2 N8442E DAMAGE-DESTROYED BURBANK INTENDED DESTINATION					COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 29, 4109 Total Hours, 138 in type Not instrument rated.
	BURBANK,CA TYPE OF ACCIDENT UNDETERMINED		LOS ANGELES+CA		F			F OPERATION IGHT LOW PASS	
	PROBABLE CAUSE(S MISCELLANEOUS FIRE AFTER IMPAC	- UNDETERMIN	IED						
				PAGE	2	22			

FILE			AIRCRAFT DATA						PILOT DATA
3-4052	12/14/77 LAK TIME - 1918	E TAHOE,CA	PIPER PA-31 N66895 DAMAGE-SUBSTANTIAL	CR- PX-	0	0 0	1 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 27, 2980 TOTAL HOURS, 340 IN TYPE, INSTRUMENT RATED.
		T – LAKE TAHOE IT A	INTENDED DESTINATION SACRAMENTO,CA						
	ENGINE FAILU	NT RE OR MALFUNCT LOOP-SWERVE				TA	< EO	F OPERATION FF INITIAL CLIMB FF ABORTED	
	PILOT IN COM AIRPORTS/AIR FACTOR(S) MISCELLANEOU MISCELLANEOU MISCELLANEOU MISCELLANEOU PARTIAL POWER	MAND - DELAYED WAYS/FACILITIE: S ACTS,CONDITI S ACTS,CONDITI S ACTS,CONDITI S ACTS,CONDITI LOSS - PARTIAL UMSTANCES - PR	POWERPLANT FAILURE F ACTION IN ABORTING TA S - AIRPORT CONDITIONS DNS - HYDROPLANING ON DNS - DOWNWIND DNS - INTENTIONAL GROU DNS - RAN OFF END OF R LOSS OF POWER - 1 ENG ECAUTIONARY LANDING ON	WET RU	RUI NW/ ER-	NWA AY - LO	Y		
3-4055	12/19/77 SAN TIME - 1545	FRANCISCO,CA	PIPER PA-31 N59721 DAMAGE-SUBSTANTIAL	CR- PX-	0	0 0	1 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	
	NAME OF AIRPOR DEPARTURE POIN SAN JOSE,CA TYPE OF ACCIDE GEAR RETRACT	IT INT	SCO INT INTENDED DESTINATION SAN FRANCISCO,CA		PI			F OPERATION Ng Roll	RATED.
	PROBABLE CAUSE PILOT IN COM		TO ASSURE THE GEAR WAS	DOWN	AN	DL	эск	ED	

		BRIEF	S OF ACCIDENTS		
FILE	DATE LOCATI	ON AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA
3-2987	8/11/77 WESTPORT,C TIME - 2001 DEPARTURE POINT BEDFORD,MA	T BEAGLE B.206S N850EX DAMAGE-DESTROYED INTENDED DESTINATION WHITE PLAINS,NY		COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 30, 4027 TOTAL HOURS, 157 IN TYPE, INSTRUMENT RATED.
	PILOT IN COMMAND - PILOT IN COMMAND - MISCELLANEOUS ACTS, MISCELLANEOUS ACTS, TERRAIN - HIGH OBST COMPLETE POWER LOSS - EMERGENCY CIRCUMSTANC	S INADEQUATE PREFLIGHT PREPARA IMPROPER IN-FLIGHT DECISIONS MISMANAGEMENT OF FUEL CONDITIONS - FUEL EXHAUSTION CONDITIONS - FAILURE OF TWO	IN FL LANDI TION AND/OR PLA OR PLANNING OR MORE ENGINES MEOUT-2 ENGINES ORT ON LAND		

FILE	DATE	LOCATION	AIRCRAFT DATA		S M/N	PURPOSE	PILOT DATA				
3-0112	1/15/77 TIME - 141	MIAMI,FL				COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 50, 9250 TOTAL HOURS, 2100 IN TYPE, INSTRUMEN RATED.				
	DEPARTURE MIAMI,FL TYPE OF AC	CIDENT AILURE OR MALFUNC	INTENDED DESTINATION KEY WEST,FL		MARA PHASE (TAKEC	IROUTE STOP HON,FL IF OPERATION FF INITIAL CLIMB IFF INITIAL CLIMB					
	MISCELLA PILOT IN PILOT IN MISCELLA FACTOR(S) WEATHER WEATHER PARTIAL PO WEATHER BR WEATHER FO	NEOUS ACTS, CONDIT COMMAND - FAILED COMMAND - DELAYE NEOUS ACTS, CONDIT - LOW CEILING - RAIN WER LOSS - PARTIA IEFING - BRIEFING RECAST - FORECAST	TURE CYLINDER ASSEMBL IONS - DISCONNECTED TO OBTAIN/MAINTAIN FL D ACTION IN ABORTING T IONS - IMPROPER EMERGE L LOSS OF POWER - 1 EN RECEIVED-METHOD UNKNO SUBSTANTIALLY CORRECT ORCED LANDING ON AIRPO	YING SPEI AKEOFF NCY PROCI GINE WN	DURES	E/HELIPT.					
	EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT. SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION 900 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1/2 MILE OR LESS RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND NONE HEAD WIND 338-022 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 69 270 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 10 IFR										

			BRIEF	S OF A	ccı	DEN	rs		
FILE	DATE	LOCATION	AIRCRAFT DATA			IES S M,		FLIGHT PURPOSE	PILOT DATA
3-0677	DEPARTURE HONOLUL TYPE OF A HARD LA PROBABLE PILOT I FACTOR(S) WEATHER WEATHER VISIBILIT 5 OR OV OBSTRUCTI NONE WIND DIRE 30 TYPE OF M VFR	VIRPORT - KAANAPALI POINT U.HI CCIDENT INDING CAUSE(S) N COMMAND - IMPROPE - UNFAVORABLE WIND C - DOWNDRAFT,UPDRAF TION	CONDITIONS TS CIDENT SITE		O P C P R	O HASE LAN RECJ RAJ ELA HEA IND 5	O NDI NDI IN FIV VE OF	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D F OPERATION NG LEVEL OFF/TOUCHDOWN AT ACCIDENT SITE N/NOT REPORTED TATION AT ACCIDENT SITE E BEARING OF WIND MIND 338-022 DEGREES LOCITY-KNOTS FLIGHT PLAN	COMMERCIAL, AGE 30, 1435 TOTAL HOURS, 108 IN TYPE, INSTRUMENT RATED.
3-4180	DEPARTURE HONOLUL TYPE OF A STALL PROBABLE	AIRPORT - KE-AHOLE POINT U.HI CCIDENT SPIN CAUSE(S) N COMMAND - FAILED	SKYVAN SC-7 N4917 DAMAGE-DESTROYED INTENDED DESTINATION KAILUA KONA,HI	PX-	P	0 HASI LAI	0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D F OPERATION NG FINAL APPROACH	AIRLINE TRANSPORT, AGE 60, 25107 TOTAL HOURS, 161 IN TYPE, INSTRUMENT RATED.
				PAGE	2	26			

FILE	DATE LOCATION	AIRCRAFT DATA	F S M/N		PILOT DATA
	3/21/77 WARREN,ID TIME - 1315	CESSNA TU206F N1912U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 39, 4215 TOTAL HOURS, 253.IN TYPE NOT INSTRUMENT RATED.
~	NAME OF AIRPORT - MCCLAIN DEPARTURE POINT MCCALL,ID TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH TREES	RANCH	PHASE D LANDI	F OPERATION NG LEVEL OFF/TOUCHDOWN NG ROLL	
	PROBABLE CAUSE(S) WEATHER - SUDDEN WINDSH FACTOR(S) MISCELLANEOUS ACTS,COND TERRAIN - HIGH OBSTRUCT WEATHER BRIEFING - OTHER	TIONS - DOWNWIND TIONS - RAN OFF END OF I	RUNWAY		
	SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SIT 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT NONE TEMPERATURE-F. 40		10000 PRECIPI NONE RELATIV LIGHT	AT ACCIDENT SITE TATION AT ACCIDENT SITE E BEARING OF WIND AND VARIABLE WEATHER CONDITIONS	
	TYPE OF FLIGHT PLAN NONE REMARKS- ENCOUNTERED EST :	OKT TAILWIND GUST WHEN I		O ONE-WAY,NO GO-ARND,900	FT STRIP.
8-0948	4/2/77 NR.TWIN FALLS,ID TIME — 0355	AERO COMDR 500B N223LH DAMAGE-DESTROYED		COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, FL.INSTR., AGE 33, 4963 TOTAL HOURS 63 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT TWIN FALLS,ID Type of accident Engine failure or malfun Collided with wires/Poi		BOISE PHASE O IN FL	ROUTE STOP ,ID F OPERATION IGHT NORMAL CRUISE NG ROLL	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISM/ MISCELLANEOUS ACTS,COND MISCELLANEOUS ACTS,COND TERRAIN - HIGH OBSTRUCT COMPLETE POWER LOSS - COM EMERGENCY CIRCUMSTANCES - REMARKS- ITINERARY-TWIN F/				

ILE	DATE LOCATI	ON AIRCRAFT DAT		URIES S M/N	FLIGHT PURPOSE	PILOT DATA
4236	8/13/77 NR.YATES CIT TIME - 2015	Y∙IL CESSNA 402A N45540 DAMAGE-DESTROY	PX-		COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 32, 2497 TOTAL HOURS, 3358 IN TYPE, INSTRUMENT RATED.
	CHICAGO,IL TYPE OF ACCIDENT FIRE OR EXPLOSION	INTENDED DESTINAT MACOMB,IL	ION	IN FL	F OPERATION IGHT NORMAL CRUISE NG TRAFFIC PATTERN-C	IRCLING
	POWERPLANT - FUEL S MISCELLANEOUS ACTS, MISCELLANEOUS ACTS, PILOT IN COMMAND -	CONDITIONS - LEAK/LEAKAG CONDITIONS - FIRE IN WIN IMPROPER IN-FLIGHT DECIS ES - FORCED LANDING ON A	E IG STONS OR PLA	NNING		
4160	12/22/77 CHICAGO.IL TIME - 0051	BEECH E18 N202GW DAMAGE-SUBSTAN	PX-		COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 29, 3914 Total Hours, 350 in Type Instrument rated.
	NAME OF AIRPORT - O'H DEPARTURE POINT KANSAS CITY,KA TYPE OF ACCIDENT COLLIDED WITH AUTO	INTENDED DESTINAT CHICAGO,IL	ION		F DPERATION FROM LANDING	
		ANEOUS-PERSONNEL DRIVER CE TUG FAILED TO YIELD R				
4251	10/1/77 NR.PLYMDUTH, TIME - 0455	IN BEECH E18S N5601D DAMAGE-SUBSTAN	PX-		COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 45, 13675 TOTAL HOURS, 2355 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT VANDALIA.OH TYPE OF ACCIDENT PROPELLER/ROTOR FAI ENGINE TEARAWAY	INTENDED DESTINAT JANESVILLE,WI LURE PROPELLER	ION	CHICA PHASE D IN FL	ROUTE STOP GO,IL F OPERATION IGHT NORMAL CRUISE IGHT NORMAL CRUISE	
	REMARKS- UNDER INVEST	IGATION.				

FILE	DATE L	OCATION	AIRCRAFT DATA		URIES S M		FLIGHT PURPOSE	PILOT DATA			
3-0250	2/14/77 COVIN TIME - 2326	GTON,KY	BEECHCRAFT D-18S N321D DAMAGE-DESTROYED				COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 50, 14136 TOTAL HOURS, 6233 IN TYPE, INSTRUMEN RATED.			
	NAME OF AIRPORT DEPARTURE POINT COVINGTON,KY TYPE OF ACCIDENT STALL SPIN		I MUNI INTENDED DESTINATION COLUMBUS;0H				F OPERATION FF INITIAL CLIMB				
	FACTOR(S) PILOT IN COMMA	ND - PREMATO ND - FAILED ND - INADEQU	TO OBTAIN/MAINTAIN F JATE PREFLIGHT PREPAR			PLA	NNING				
	FIRE AFTER IMPAC	YS/FACILITIE T	AL IMPAIRMENT ES - AIRPORT CONDITIO Derneath Mail.Plt Not				RUNWAY				
3-1813	7/25/77 ROCKL TIME - 1140	AND≁ME	PIPER PA-23 N594DE DAMAGE-SUBSTANTIA	PX-			COMMERCIAL Commuter Air Carrier Air Taxi-Passg S-D	ATP,FLIGHT INSTR., AGE 30, 5360 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.			
	NAME OF AIRPORT DEPARTURE POINT BOSTON,MA Type of accident GEAR COLLAPSED	- KNOX COUN	TY INTENDED DESTINATION ROCKLAND,ME				F OPERATION Ng Roll				
	PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS WET RUNWAY MISCELLANEOUS ACTS,CONDITIONS - HYDROPLANING ON WET RUNWAY FACTOR(S)										
	MISCELLANEOUS MISCELLANEOUS MISCELLANEOUS WEATHER - LOW WEATHER - RAIN WEATHER - FOG	ACTS,CONDIT ACTS,CONDIT CEILING	IONS - DOWNWIND IONS - RAN OFF END OF IONS - OVERLOAD FAILU	RE .							
			BY FLIGHT SERVICE PER SUBSTANTIALLY CORREC		BT PH	UNE					
	SKY CONDITION OVERCAST				50	5	AT ACCIDENT SITE				
	VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND DIRECTION-DEGREES PRECIPITATION AT ACCIDENT SITE RAIN RELATIVE BEARING OF WIND TAIL WIND 158-202 DEGREES WIND VELOCITY-KNOTS										
	210	LOKELS			16						

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			BRIEFS	0F A(CC 11	DEN	тs		
FILE	DATE	LOCATION	AIRCRAFT DATA					FLIGHT PURPOSE	PILOT DATA
-24 <u>7</u> 1	7/22/77 TIME - 0245	BEMIDJI,MN 5	BEECH D18S N119L DAMAGE-SUBSTANTIAL	CR-	0			COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 26, 1759 TOTAL HOURS, 285 IN TYPE, INSTRUMENT RATED.
	NAME OF AIF DEPARTURE F DETROIT L TYPE OF ACC GEAR COLL	AKES, MN LIDENT	UNI INTENDED DESTINATION BEMIDJI,MN	·	PI			F OPERATION NG ROLL	
	MISCELLAN	- LANDING GEAR	NORMAL RETRACTION/EXTEN IONS - FATIGUE FRACTURE 66.		4551	ЕМВ	LY		
-3448	11/15/77 TIME - 0910		CESSNA 185 N7597H DAMAGE-SUBSTANTIAL	PX-	0	0	0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 33, 6765 Total Hours, 2205 In Type, Instrument rated.
	DEPARTURE P RENO,NV Type of Acc	POINT	INTENDED DESTINATION AUSTIN,NV		PI			F OPERATION Ng Roll	
	MISCELLA FACTOR(S) AIRPORTS	NEOUS ACTS,CONDIT	TO SEE AND AVOID OTHER IONS - NOT ALIGNED WITH ES - AIRPORT CONDITIONS RALLEL TWY-SAGE BRUSH E	HRUNWA 5 HIGI	∆ч/ н v	INT EGE	TAT		ON AP.
-0422	3/30/77 TIME - 084	NEW YORK,NY 7	DEHAVILLAND DH-114 N6VM DAMAGE-SUBSTANTIAL					COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 46, 9000 TOTAL HOURS, 68 IN TYPE, INSTRUMENT RATED.
	NAME OF AIF DEPARTURE I NEWPORT TYPE OF ACC WHEELS-UP	RI CIDENT	INTENDED DESTINATION NEW YORK,NY		_	PR HAS		IROUTE STOP Dence,rI IF∙DPERATION NG LEVEL OFF/TOUCHDOWN	
		COMMAND - FAILED	TO ASSURE THE GEAR WAS LED PRIOR TO TOUCH DOWN		AN	DL	.0CK	ED	
				PAGE	3	0			

FILE	DATE	LOCATION	AIRCRAFT DATA				FLIGHT N PURPOSE	PILOT DATA
3-2933	8/1/77 TIME - 1910	POUGHKEEPSIE,NY 0	BEECH 99 N19991 DAMAGE-SUBSTANTI	PX-			2 COMMERCIAL 5 COMMUTER AIR CARRIE AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE R 31, 6062 TOTAL HOURS, 4131 IN TYPE, INSTRUMENT RATED.
	DEPARTURE BINGHAMTU TYPE OF ACU OVERSHOO	DN,NY CIDENT	INTENDED DESTINATIO BOSTON,MA	N	Pł	POUC IASE LANI	ENROUTE STOP GHKEEPSIE,NY OF OPERATION DING LEVEL OFF/TOUCHD DING ROLL	OWN
	PILOT IN FACTOR(S) MISCELLAI WEATHER - AIRPORTS MISCELLAI MISCELLAI WEATHER BR	COMMAND - MISJUDG COMMAND - FAILED NEOUS ACTS,CONDITI - THUNDERSTORM ACT /AIRWAYS/FACILITIE NEOUS ACTS,CONDITI NEOUS ACTS,CONDITI IEFING - BRIEFED B		ND ONS WET DN WET R F RUNWAY RSONNEL,	UNWA	Y	0	
	4 MILES (OBSTRUCTIO HAZE WIND DIREC 300	AT ACCIDENT SITE	CIDENT SITE		PF RE W1	3000 RECI RAI LEF ND 10 (PE (NG AT ACCIDENT SITE DITATION AT ACCIDENT S I, THUNDERSTORM IVE BEARING OF WIND I OUARTERING TAIL WIND VELOCITY-KNOTS DF FLIGHT PLAN IIAL VFR	

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA
3-3830	8/15/77 FLUSHING•NY TIME - 0815	BEECH D55 N8374N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	. COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 24, 2300 TOTAL HOURS, 310 IN TYPE INSTRUMENT RATED.
	NAME OF AIRPORT - FLUSHING	;		RIN TAXI TA330 0 D	
	DEPARTURE POINT FLUSHING,NY	INTENDED DESTINATION EAST HAMPTON,NY			
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUN			OF OPERATION OFF INITIAL CLIMB	
	STALL MUSH			ING TRAFFIC PATTERN-CIR	CLING
	PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, POWERPLANT - IGNITION SY MISCELLANEOUS ACTS,CONDI PILOT IN COMMAND - FAILE PILOT IN COMMAND - MISUS FACTOR(S)	YSTEM LEADS TTIONS - GROUNDED ED TO OBTAIN/MAINTAIN FL	YING SPEED	TENANCE AND INSPECTION	
	MISCELLANEOUS ACTS, CONDI				
	PARTIAL POWER LOSS - PART EMERGENCY CIRCUMSTANCES -	FORCED LANDING OFF AIRP	ORT ON LAND		
	REMARKS- IGNITION LEAD GND	DD MAG TERM,NO PROTECT B	OOT INSTLD.FLA	PS RETRACTED AT INSF SPE	ED TO SUPPORT ACFT.
33800	11/29/77 PINEHURST.NC	BEECH 58	CP = 1 0 C	COMMERCIAL	COMMERCIAL, AGE 31, 241
5 5077	TIME - 1917	N4461S DAMAGE-DESTROYED		COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	TOTAL HOURS, 226 IN TYP INSTRUMENT RATED.
	NAME OF AIRPORT - PINEHURS DEPARTURE POINT	ST-SOUTHER INTENDED DESTINATION			
	CHARLOTTE,NC TYPE OF ACCIDENT	PINEHURST, NC	DHASE	OF OPERATION	
	COLLIDED WITH TREES			ING FINAL APPROACH	
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPR(FACTOR(S) WEATHER - LOW CEILING	DPER IFR OPERATION			
	WEATHER - FOG TERRAIN - HIGH OBSTRUCT	IONS			
	WEATHER BRIEFING - BRIEFER WEATHER FORECAST - FORECAST	D BY FLIGHT SERVICE PERS		E	
	SKY CONDITION			IG AT ACCIDENT SITE	
	OVERCAST/LOWER SCATTERED VISIBILITY AT ACCIDENT SI		4000 PRECIF	PITATION AT ACCIDENT SITE	1
	2 MILES OR LESS OBSTRUCTIONS TO VISION AT	ACCIDENT SITE	NONE TYPE (E WEATHER CONDITIONS	
	GROUND FOG		IFR		
	TYPE OF FLIGHT PLAN IFR				
	FIRE AFTER IMPACT Remarks- Witnesses RPTD A	CFT NR TREETOP LVL 3MILE	S FM ARPT.LOW	CLOUDS AND FOG VICINITY	ACDT SITE.
			PAGE 32		

FILE	DATE	LOCATION	AIRCRAFT DATA		F	S M,	'N	PURPOSE	PILOT DATA
3-4113		BUCKEYE LAKE, OH		CR-	0	0	2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 33, 3813 TOTAL HOURS, 379 IN TYPE
	DEPARTURE		INTENDED DESTINATION COLUMBUS+OH						
	TYPE OF A				Ρ			FOPERATION	
	ENGINE DITCHIN	FAILURE OR MALFUNCT G	ION					IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN	
	PILOT I PILOT I MISCELL FACTOR(S) WEATHER MISCELL COMPLETE WEATHER B EMERGENCY	ATE PREFLIGHT PREPARA R IN-FLIGHT DECISIONS GEMENT OF FUEL ONS - FUEL EXHAUSTION ONS - AIRCRAFT CAME TO TE ENGINE FAILURE/FLAI Y FLIGHT SERVICE PERSON RCED LANDING OFF AIRPO	OR PL	- IN 2 E BY WA	NG NGII PHO TER	TER NES DNE			
	SKY CONDI UNKNOWN	TION /NOT REPORTED			С	EIL] 13(AT ACCIDENT SITE	
		Y AT ACCIDENT SITE ER(UNLIMITED)			Р	REC:		TATION AT ACCIDENT SITE	
	NONE	ONS TO VISION AT AC LIGHT PLAN	CIDENT SITE		т	YPE VFf		WEATHER CONDITIONS	

			BRIEFS	OF A	ccı	DENT	5			
FILE	DATE	LOCATION	AIRCRAFT DATA			IES S M/I	۷	FLIGHT PURPOSE	PILOT DATA	
3-0624	4/4/77 TIME - 194	LATROBE,PA 2	PIPER PA-31 N7694L DAMAGE-SUBSTANTIAL					COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, FL.INSTR., AGE 28, 6231 TOTAL HOURS, 1602 IN TYPE, INSTRUMENT RATED.	
	NAME OF AI DEPARTURE PITTSBUR TYPE OF AC WHEELS-U	GH•PA CIDENT	INTENDED DESTINATION CUMBERLAND,MD		_	LA TI HASE	R 0 6 0 6	OUTE STOP SE+PA • OPERATION NG LEVEL OFF/TOUCHDOWN		
	FACTOR(S)	COMMAND - FAILED	TO ASSURE THE GEAR WAS							
	WEATHER BR	- TURBULENCE, ASS IEFING - BRIEFING	OCIATED W/CLOUDS AND/OF RECEIVED-METHOD UNKNOW SUBSTANTIALLY CORRECT		DER	STOR	is			
	VISIBILITY	ION /LOWER SCATTERED / AT ACCIDENT SITE R(UNLIMITED)				300	, I .)	AT ACCIDENT SITE TATION AT ACCIDENT SITE		
		CCIDENT SITE			IND 160 YPE	DIF	ECTION-DEGREES			
	5 VFR TYPE OF FLIGHT PLAN NONE REMARKS- CABIN & COCKPIT LGTS DIMMED,BEACON & FLASHING STROBE LGTS ON.									
-3318	8/17/77 TIME - 054		BEECH G18S N75FA DAMAGE-SUBSTANTIAL					COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 35, 1439 Total Hours, 527 In type, Instrument rated.	
	NAME OF AI DEPARTURE PITTSBUR TYPE OF AC	RGH + PA	TSBURGH INTENDED DESTINATION CLEVELAND+OH		Р	HASE	01	• OPERATION		
	ENGINE FAILURE OR MALFUNCTION STALL MUSH							FF INITIAL CLIMB GHT OTHER		
	PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM CARBURETOR MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY INSTALLED MISCELLANEOUS ACTS,CONDITIONS - LEAK/LEAKAGE PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC, PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS FACTOR(S)									
	COMPLETE P Emergency Fire After	POWER LOSS - COMPL CIRCUMSTANCES - F R IMPACT	PTED OPERATION W/KNOWN (ETE ENGINE FAILURE/FLAM ORCED LANDING ON AIRPOR	HEOUT- RT/SE/	•1 E	NGIN NE B	E A SI	E/HELIPT.		
	KEMARKS- F	(IGHT ENG NUT FEAT	HERED.IUKNED ACH' TOWA	KU DE4	AU E	NGW	H1)	E RETURNING TO AIRPORT.		
				PAGE	3	4				

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FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR =	IES S M/	N	FLIGHT	PILOT DATA
		PHILADELPHIA, PA	NORD-AVION 262 N7885A DAMAGE-NONE	CR- PX-	0 0	1 0 1	2 5	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 47, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
	DEPARTURE HARRISBUF TYPE OF ACC TURBULENC	RG,PA CIDENT	INTENDED DESTINATION PHILADELPHIA,PA		P			OPERATION GHT NORMAL CRUISE	
	PERSONNEI MISCELLA FACTOR(S) MISCELLA WEATHER BR	- TURBULENCE, ASS L - FLIGHT PERSON NEOUS ACTS,CONDIT NEOUS ACTS,CONDIT IEFING - BRIEFING	OCIATED W/CLOUDS AND/OR NEL FLIGHT ATTENDANT IONS - SEAT BELT NOT FA IONS - SEAT BELT SIGN C RECEIVED-METHOD UNKNOW SUBSTANTIALLY CORRECT	STENEI		STOR	MS		
	VISIBILITY UNKNOWN/I OBSTRUCTIO UNKNOWN/I TYPE OF FL IFR	NOT REPORTED AT ACCIDENT SITE NOT REPORTED NS TO VISION AT A NOT REPORTED IGHT PLAN	CCIDENT SITE	GOT U	P T	UNK RECI RAI IYPE IFR	NOW PIT N S OF	AT ACCIDENT SITE N/NOT REPORTED ATION AT ACCIDENT SITE HOWERS WEATHER CONDITIONS	х.
-2316	TIME - 114 NAME OF AIR DEPARTURE I	RPORT - BURLINGTO	INTENDED DESTINATION	PX-			1 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 28, 3500 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.
	HARTFORD TYPE OF ACC OVERSHOO GEAR COLI	CIDENT T	BURLINGTON,VT		P	LAN	DIN	OPERATION NG LEVEL OFF/TOUCHDOŴN NG ROLL	
	PILOT IN MISCELLAI FACTOR(S) MISCELLAI MISCELLAI MISCELLAI	COMMAND - MISJUD COMMAND - FAILED NEOUS ACTS,CONDIT NEOUS ACTS,CONDIT NEOUS ACTS,CONDIT NEOUS ACTS,CONDIT NEOUS ACTS,CONDIT	GED DISTANCE AND SPEED TO INITIATE GO-AROUND IONS - INTENTIONAL GROU IONS - DOWNWIND IONS - POORLY PLANNED A IONS - OVERLOAD FAILURE LED DURING INTENTIONAL	APPROA	сн				

-4130	DATE LOCATION 7/17/77 NR.COULEE CITY.WA TIME - 1850 DEPARTURE POINT OMAK.WA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUN COLLISION WITH GROUND/WA		F CR- (PX- (0 0 1	1 0	FLIGHT PURPOSE	PILOT DATA COMMERCIAL, AGE 40, 5750
ן נ ן	7/17/77 NR.COULEE CITY.WA TIME - 1850 DEPARTURE POINT OMAK.WA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUN	PIPER PA-32 N55653 DAMAGE-SUBSTANTIAL INTENDED DESTINATION	PX- (0 0 1	1 (
1	OMAK,WA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUN					COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	CUMMERCIAL, AGE 40, 5750 TOTAL HOURS, 1410 IN TYPE, NOT INSTRUMENT RATED.
F				COUL PHASE IN F	LEE OF ELIG	DUTE STOP DAM,WA OPERATION SHT NORMAL CRUISE S LEVEL OFF/TOUCHDOWN	
E	PROBABLE CAUSE(S) POWERPLANT - REDUCTION G MISCELLANEOUS ACTS,CONDI TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMP EMERGENCY CIRCUMSTANCES - REMARKS- CRANKSHAFT GEAR R	TIONS - SHEARED PLETE ENGINE FAILURE/FLAM FORCED LANDING OFF AIRPO	4EOUT-1)RT ON I	ENGINE AND		DTR ACCESSORY GEARS.LYC	P/N STD-1937.
	12/13/77 MILWAUKEE,WI TIME - 0630	CESSNA 402 N15096 DAMAGE-SUBSTANTIAL	PX- (0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 25, 4658 TOTAL HOURS, 48 IN TYPE, INSTRUMENT RATED.
ſ	NAME OF AIRPORT - GEN MITC DEPARTURE POINT CHICAGO+IL TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED	INTENDED DESTINATION MILWAUKEE,WI		TAX	IF	OPERATION FROM LANDING FROM LANDING	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILE FACTOR(S) AIRPORTS/AIRWAYS/FACILIT MISCELLANEOUS ACTS,CONDI	IES - AIRPORT CONDITIONS	S ICE/S		ON F	RAMP/TAXIWAY	
	11/21/77 MISSING AIRCRAF TIME - UNK/NR	T BRITTNORMAN BN2A-8 N36MN DAMAGE-DESTROYED			0 (COMMERCIAL COMMUTER AIR CARRIEP AIR TAXI-CARGO S-D	COMMERCIAL, FL.INSTR., AGE 21, 2800 TOTAL HOURS 300 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT KOTZEBUE+AK TYPE OF ACCIDENT MISSING AIRCRAFT+NOT REC	INTENDED DESTINATION KOTZEBUE,AK COVERED		POI PHASE	NT H OF	DUTE STOP HOPE+AK OPERATION GHT NORMAL CRUISE	KA IEU.
	PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERM REMARKS- ACFT DAMAGE AND J						
			PAGE	36			

				S OF A					
FILE	DATE L	OCATION	AIRCRAFT DATA	IN	JUR F	IES S M	/ N	FLIGHT PURPOSE	PILOT DATA
	5/17/77 SAN J TIME - 1642		GRUMMAN G-73 N7338 DAMAGE-SUBSTANTIAL	CR-	0	0	2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 52, 11780
	NAME OF AIRPORT DEPARTURE POINT ST.THOMAS,VI TYPE OF ACCIDENT FIRE OR EXPLOS	IN	ITENDED DESTINATION SAN JUAN,PR			HAS	ΕO	F OPERATION NG ROLL	
	MISCELLANEOUS MISCELLANEOUS FACTOR(S) PILOT IN COMMAI MISCELLANEOUS PERSONNEL - MA	UEL SYSTEM .L1 ACTS,CONDITION ACTS,CONDITION ND - FAILED TC ACTS,CONDITION INTENANCE,SERV		NCY PRO MPROPE	CE R M	DUR AIN	ES TEN	IVES,ETC. ANCE (MAINTENANCE PERSONN → ENG IN OPN.OTR FIRE BOT	
-4185	12/19/77 NR.VIEQ TIME - 0748	UES,PR	BRITTNORMAN BN-2A N862JA DAMAGE-DESTROYED					COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-I	COMMERCIAL, FL.INSTR., Age 50, 5031 Total Hours, 1010 In Type, Instrument Rated.
	DEPARTURE POINT ST CROIX,VI TYPE OF ACCIDENT ENGINE FAILURE DITCHING	V	TENDED DESTINATION /IEQUES.PR IN		P	IN	FL	F OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN	
	PILOT IN COMMA MISCELLANEOUS FACTOR(S) MISCELLANEOUS MISCELLANEOUS COMPLETE POWER L	ND - INADEQUAT ND - MISMANAGE ACTS,CONDITION ACTS,CONDITION ACTS,CONDITION OSS - COMPLETE	E PREFLIGHT PREPARA MENT OF FUEL IS - FUEL EXHAUSTION IS - FAILURE OF TWO (IS - AIRCRAFT CAME TC ENGINE FAILURE/FLAM ED LANDING OFF AIRP(DR MORI D REST MEOUT-	E E IN 2 E	NGI WA NGI	NES TER NES		
-1856	1/14/77 ST.TH TIME - 1730	OMAS,VI	BRITTNORMAN BN2A-8 N121DW DAMAGE-SUBSTANTIAL	PX-				COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-I	ATP,FLIGHT INSTR., AGE 24, 2800 TOTAL HOURS, 655 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT DEPARTURE POINT ST.THOMAS,VI TYPE OF ACCIDENT PROPELLER/ROTO	IN	TENDED DESTINATION SAN JUAN,PR		P			F OPERATION FF INITIAL CLIMB	
	MISCELLANEOUS	ROPELLER AND A ACTS;CONDITION	ACCESSORIES BLADES IS — FATIGUE FRACTURE IED LANDING ON AIRPOR	E RT/SEA	PLA	NE	BAS	E/HELIPT.	

PART 3

ON-DEMAND AIR TAXI ACCIDENTS

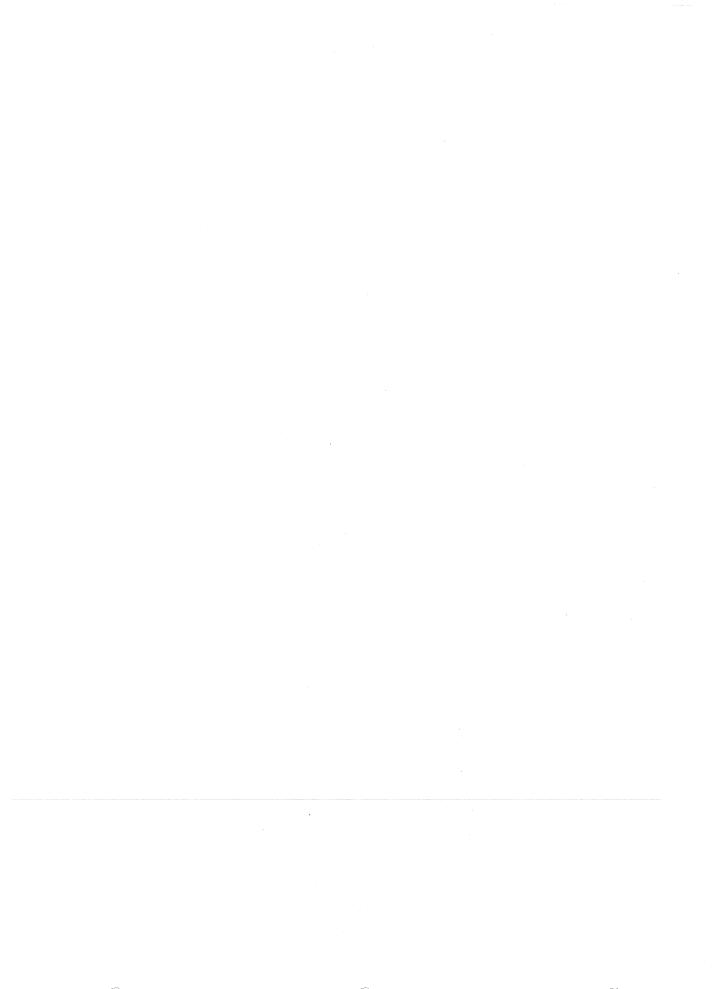


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Accidents, Fatalities, and Rates On-Demand Air Taxi 1977

	All Revenue Operations	Passengers	Cargo
Accidents		and a second	
Total	180	116	64
Fatal	36	22	14
Fatalities			
Passengers	81	81	0
Crew	40	23	17
Others	3	3	0
Total	124	107	17
Aircraft Hours Flown	3,063,749		
Accident Rate Per			
100,000 Hours Flown			
Total	5.88		
Fata1	1.18		

- 38 -



ACCIDENTS, INJURIES ON-DEMAND AIR TAXI OPERATIONS 1977

				INJURIES			
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT COPILOT DUAL STUDENT CHECK PILOT FLIGHT ENGINEER	 32 7	10 1	27 2	111 9			180 19
NAVIGATOR CABIN ATTENDANT EXTRA CREW PASSENGERS	1 81	29	1 41	4 183			2 4 334
TOTAL	121	40	71	307		ABOARD	539
* OTHER AIRCRAFT OTHER GROUND	3	3	3	2 2			2 11
GRAND TOTAL	124	43	74	311			552

INVOLVES 180 TOTAL ACCIDENTS INVOLVES 36 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.

AIRPORT PROXIMITY BY WEATHER CONDITION

	WEATHER CONDITION		
AIRPORT PROXIMITY	<u>WEATHER CONDITION</u>	RECORDS	ACCIDENTS PERCENT
ON AIRPORT	58 6	64	64 35.56
ON SEAPLANE BASE	7	7	7 3.89
ON HELIPORT			
ON BARGE/SHIP/PLATFORM	2	2	2 1.11
IN TRAFFIC PATTERN	3 1	4	4 2.22
WITHIN 1/4 MILE	8 1	9	9 5.00
WITHIN 1/2 MILE	5 3	8	8 4.44
WITHIN 3/4 MILE			
WITHIN 1 MILE	1 1 1	3	3 1.67
WITHIN 2 MILES	3 1 2	6	6 3.33
WITHIN 3 MILES	5	5	5 2.78
WITHIN 4 MILES	1 1	2	2 1.11
WITHIN 5 MILES	3 1	4	4 2.22
BEYOND 5 MILES	48 11 2	61	61 33.89
UNKNOWN/NOT REPORTED	3 2	5	5 2 .7 8
RECORDS	147 25 6 2	180	
ACCIDENTS	147 25 6 2		180
PERCENTS	81.7 13.9 3.3 1.1		

TYPE OF FLIGHT PLAN BY CONDITION OF LIGHT

	CONDITION OF LIGHT		
TYPE OF FLIGHT PLAN	OPT OF US NOT NOT NOT NOT	RECORDS	ACCIDENTS PERCENT
NONE	2 58 1 14 2 1	78	78 43.33
VFR	4 36 4 5 2	51	51 28.33
IFR	2 14 4 18 1	39	39 21.67
CONTROLLED VFR			
IFR (VFR CONDITIONS ON TOP)			
TOWER EN ROUTE CONTROL SERVICE			
DVFR			
VFR FLIGHT FOLLOWING SERVICE			
SPECIAL VFR			
OTHER	8 1 1	10	10 5.56
UNKNOWN/NOT REPORTED	2	2	2. 1.11
RECORDS	8 118 10 38 5 1	180	
ACCIDENTS	8 118 10 38 5 1		180
PERCENTS	4.4 65,6 5.6 21.1 2.8 .6		

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE

	AIRCRAFT DAMA
	DESTROYED ANIAL
IRST ACCIDENT	DESPOY SUP AND A

FIRST E OF ACCIDENT	DESTR	SUP AND NOR	RECORDS	ACCIDENTS	S PERCEN
GROUND-WATER LOOP-SWERVE		13	13	13	7.22
DRAGGED WINGTIP POD OR FLOAT					
WHEELS-UP LANDING		5	5	5	2.78
WHEELS-DOWN LANDING IN WATER		1	1	1	•56
GEAR COLLAPSED		4 1	5	5	2.78
GEAR RETRACTED		3	3	3	1.67
HARD LANDING		8	8	8	4.44
NOSE OVER/DOWN		4	4	4	2.22
ROLL OVER	3	2	5	5	2.78
OVERSHOOT		2	2	2	1.11
UNDER SHOOT		4	4	4	2.22
COLLISION BETWEEN AIRCRAFT					
BOTH IN FLIGHT	1		1	1	•56
ONE AIRBORNE					
BOTH ON GROUND		1	1	1	•56
COLLISION WITH GROUND/WATER					
CONTROLLED	8	7	15	15	8.33
UNCONTROLLED	5	4	9	9	5.00
COLLIDED WITH					
WIRES/POLES		2	2	2	1.11
TREES	4	6 1	11	11	6.11
RESIDENCE/S					
BUILDING/S					
FENCE, FENCEPOSTS	1		1	1	•56
ELECTRONIC TOWERS					
RUNWAY OR APPROACH LIGHTS					
AIRPORT HAZARD					
ANIMALS					
CROP					
FLAGMAN LOADER					
DITCHES					
SNOWBANK		6	6	6	3.33
PARKED AIRCRAFT (UNATTENDED)					
AUTOMOBILE		1	1	1	•56
DIRT BANK		6	6	6	3.33
OTHER	2	7	9	9	5.00

BIRD STRIKE

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	DESROYED ANTON NONE	RECORDS	ACCIDENTS PERCENT
STALL	3 2	5	5 2.78
SPIN			
SPIRAL	1	1	1 ,56
MUSH	2 2	4	4 2.22
FIRE OR EXPLOSION_			
IN FLIGHT	1 2	3	3 1.67
ON GROUND	1	1	1 .56
	•		
AIRFRAME FAILURE	4 1	5	5 2.78
IN FLIGHT	4 1	1	1 .56
ON GROUND	I	-	
ENGINE TEARAWAY		38	38 21.11
ENGINE FAILURE OR MALFUNCTION	13 25	50	
PROPELLER/ROTOR FAILURE		2	2 1.11
PROPELLER	2	2	2 1.11
TAIL ROTOR		2	2 1.11
MAIN ROTOR	1 1		
PROP ROTOR ACONT TO PERSON	2 2	4	4 2.22
JET INTAKE/EXH ACDNT TO PERS			
PROPELLER/JET/ROTOR BLAST			
TURBULENCE			
HAIL DAMAGE TO AIRCRAFT			
LIGHTNING STRIKE			
EVASIVE MANEUVER			
UNCONTROLLED ALT DEVIATION			
DITCHING			
MISSING ACFT NOT RECOVERED	1	1	1 .56
MISCELLANEOUS/OTHER			
UNDETERMINED	1	1	1 .56
		180	
RECORDS	50 123 5 2	100	180
ACCIDENTS	50 123 5 2		<u>•</u>
PERCENTS	27.8 68.3 2.8 1.1		

FIRST PHASE OF OPERATION BY INJURY INDEX

INJURY INDEX

FIRST	
OPERATIONAL	PHASE



RECORDS	ACCIDENTS	PERCENT

STATIC								
STARTING ENGINE/S								
IDLING ENGINE/S		2				2	2	1.11
ENGINE RUNUP								
IDLING ROTORS		1				1	1	.56
PARKED-ENGINES NOT OPERATING								
OTHER								
TAXI								
TO TAKEOFF		1		4		5	5	2.78
FROM LANDING	1			8		9	9	5.00
OTHER				2		2	2	1.11
GROUND TAXI TO TAKEDFF								
GROUND TAXI FROM LANDING								
GROUND TAXI, OTHER								
AERIAL TAXI TO TAKEOFF								
AERIAL TAXI TO/FROM LANDING								
AERIAL TAXI, OTHER								
TAKEOFF								
RUN		1	1	9		11	11	6.11
INITIAL CLIMB	6		3	6		15	15	8.33
VERTICAL		1	3	2		6	6	3.33
RUNNING (RDTORCRAFT/VTOL-STOL)			1			1	1	.56
ABORTED (FIXED-WING)		1		3		4	4	2.22
ABORTED (ROTORCRAFT/VTOL)								
ABORTED (ROTORCRAFT/STOL)								
ÓTHER								
INFLIGHT					χ.			
CLIMB TO CRUISE	4		1	6		11	11	6.11
NORMAL CRUISE	11	3	6	8		28	28	15.56
DESCENDING	1	1	5	1		8	8	4.44
HOLDING (IFR)								
HDVERING				1		1	1	.56
POWER-ON DESCENT (ROTORCRAFT)								
AUTOROTATIVE DESCENT								
ACROBATICS								
BUZZING			1			<u>1</u>	1	•56
UNCONTROLLED DESCENT	3					3	3	1.67

FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST DPERATIONAL PHASE	4ATE	, sta	OUS WIR	0° 0° 1° 4	RECORDS	ACCIDENTS	PERCÉNT
EMERGENCY DESCENT							
LOW PASS			1		7	1	۰56
OTHER		1			ι	1	•56
EN ROUTE TO TREAT CROP					,		
EN ROUTE TO RELOADING AREA							
SURVEY FIELD/AREA							
STARTING SWATH RUN							
SWATH RUN							
FLAREOUT FOR SWATH RUN							
PULLUP FROM SWATH RUN							
PROCEDURE TURNARDUND							
CLEANUP SWATH							
MANEUVER TO AVOID OBSTRUCTION							
RETURN TO STRIP							
LANDING							
TRAFFIC PATTERN-CIRCLING	2	1		• 3	6	6	3.33
FINAL APPROACH (VFR)	2	1	2	4	9	9	5.00
INITIAL APPROACH							
FINAL APPROACH (IFR)	2	3	1		6	6	3.33
LEVEL OFF/TOUCHDOWN				15	15	15	8.33
ROLL (FIXED WING)				19	19	19 1	0.56
ROLL-ON/RUN-ON (ROTORCRAFT)							
POWER-ON LANDING (ROTORCRAFT)			3	5	8	R	4 . 4 4
POWER-OFF AUTOROTATIVE LDG							
GO-AROUND (VFR)	2	1		1	4	4	2.22
MISSED APPROACH (IFR)							
OTHER				1	1	1	.56
UNKNOWN/NOT REPORTED	2				2	2	1.11
RECORDS	36	18	28	98	.180		
ACCIDENTS	36	18	28	98		180	
PERCENTS	20.0	10.0	15.6	54.4			

CAUSE/FACTOR TABLE

ON-DEMAND AIR TAXI ACCIDENTS U.S. GENERAL AVIATION 1977

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 171 TOTAL ACCIDENTS

1 46 T.

INVOLVES	31 FATAL	ACCIDENTS

F AT /	FATAL ACCIDENTS			TAL ACCI	DENTS	ALL ACCIDENTS			
C AU SE	F AC TOR	TO TAL≠ 	CAUSE	FACTOR	TOTAL*	CAUSE	FAC TOR	TO TAL*	
27 87.10	2 6•45	27 87.10	98 70.00	8 5.71	98 70.00	125 73.10	10 5.85	125 73.10	
4 12•90	4 12.90	8 25.81	23 16•43	5 3.57	27 19•29	27 15.79	9 5•26	35 20.47	
•00	•00	.00	.00	•00	•00	•00	•00	•00	
•00	.00	•00	15 10.71	•00	15 10.71	15 8.77	. •00	15 8.77	
3 • 9.68	.00	3 9.68	21 15.00	2 1•43	22 15.71	24 14.04	2 1.17	25 14.62	
1 3.23	•00	1 3.23	2 1.43	•00	2 1.43	3 1.75	•00	3 1.7	
.00	•00	•00	•00	1 •71	1 •71	•00	1 •58	1 • 5	
•00	•00	•00	1 •71	•00	1 •71	1 •58	•00	1 • 5	
•00	•00	•00	2 1•43	12 8.57	14 10.00	2 1.17	12 7.02	14 8.1	
•00	13 41.94	13 41.94	4 2.86	31 22•14	34 24•29	4 2•34	44 25•73	47 27•4	
1 3.23	7 22.58	8 25.81	8 5.71	25 17.86	33 23•57	9 5.26	32 18•71	41 23.9	
1 3.23	1 3,23	2 6.45	8 5.71	1 •71	9 6.43	9 5.26	2 1.17	11 6.4	
2 6.45	•00	2 6.45	•00	•00	•00	2 1•17	•00	2 1.1	
	CAUSE 27 87.10 12.90 .00 .00 .00 .00 .00 .00 .00	$\begin{array}{c c} \hline CAUSE & FACTOR \\ \hline CAUSE & FACTOR \\ \hline 27 & 2 \\ 87.10 & 6.45 \\ 4 & 4 \\ 12.90 & 12.90 \\ 0.00 & 0.00 \\ 0.00 & 0.00 \\ \hline 3.23 & 0.00 \\ 0.00 & 0.00 \\ 0$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $					

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

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

CAUSE/FACTOR TABLE

ON-DEMAND AIR TAXI ACCIDENTS U.S. GENERAL AVIATION 1977

(EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES 171 TOTAL ACCIDENTS

ÍNVOLVES 31 FATAL ACCIDENTS

	FAT	AL ACCID	ENTS	NONFATAL ACCIDENTS			ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TO TAL	CAUSE	FAC TOR	TOTAL
** PILOT **.									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	1		1		1	1	1	1	1
BECAME LOST/DISORIENTED	1		1	3	1	4	4	1	5
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS DELAYED.ACTION IN ABORTING TAKEOFF	6		6	7	1	8 2	13 2	1	14 2
DELAYED IN INITIATING GO-AROUND				3		3	.3		3
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT	2		2	2		2	. 2		2
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT FAILED TO EXTEND LANDING GEAR	2		2	2		2	2		2 2
FAILED TO SEE AND AVOID OTHER AIRCRAFT	1		1	_		_	1		1
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS FAILED TO OBTAIN/MAINTAIN FLYING SPEED	4		4	5		5	5		5
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE	1		i	•			ĩ		1
FAILED TO MAINTAIN ADEQUATE ROTOR RPM FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT				5		5 1	.5		5 1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	2		2	3		3	5		5
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS				3		3	3		3
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS IMPROPER OPERATION OF FLIGHT CONTROLS	2		2	6 5		6 5	6 7		6 7
IMPROPER LEVEL OFF				4		4	4		4
IMPROPER IFR OPERATION IMPROPER IN-FLIGHT DECISIONS OR PLANNING	1		1	4 11	2	4 13	5 17	2	5 19
IMPROPER COMPENSATION FOR WIND CONDITIONS				6	_	6	6	-	6
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING INADEQUATE SUPERVISION OF FLIGHT	5	1	6	19	2	21	24	3	27
LACK OF FAMILIARITY WITH AIRCRAFT	1	1	1		1	1	1	2	2
MISMANAGEMENT OF FUEL	1		1	11		11	12		12
EXERCISED POOR JUDGMENT SELECTED UNSUITABLE TERRAIN	1		1	3	1	4 8	4	1	5
STARTED ENGINE WITHOUT PROPER ASSISTANCE/EQUIPMENT				2		2	2		2
INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS MISJUDGED DISTANCE, SPEED, AND ALTITUDE	3		3	1 2		1 2	1		1
MISJUDGED DISTANCE AND SPEED	2			3		3	3		3
MISJUDGED DISTANCE AND ALTITUDE MISJUDGED SPEED				2		2 1	2		2
MISJUDGED SPEED AND CLEARANCE	1		1	1		1	2		2
MISJUDGED ALTITUDE AND CLEARANCE				2		2	2		2
MISJUDGED ALTITUDE MISJUDGED CLEARANCE				1 7		1 7	1 7		1 7
MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS	1		1	_		_	1		1
IMPROPER RECOVERY FROM BOUNCED LANDING INCAPACITATION	2		2	2		2	2		2
PHYSICAL IMPAIRMENT	1		1				1		1
SPATIAL DISORIENTATION MISUSED OR FAILED TO USE FLAPS	2		2 1	1		1	3		3 2
FAILED TO MAINTAIN DIRECTIONAL CONTROL	1		•	7		7	7		7
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND FAILED TO ABORT TAKEOFF	,			1		1	1		1
FAILED TO INITIATE GO-AROUND	1		1	2	1	3	3	1	4
SUBTOTAL	49	2	51	154	10	164	203	12	215
COPILOT									
DELAYED IN INITIATING GO-AROUND	1		1				1		1
IMPROPER COMPENSATION FOR WIND CONDITIONS MISMANAGEMENT OF FUEL	1		1	1		1	1		1
PHYSICAL IMPAIRMENT	1		1				ī		ī
SUBTOTAL	3		3	1		1	4		4
** PERSONNEL **									

CAUSE/FACTOR TABLE

PERSONNEL (CONTINUED)	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
DETAILED CAUSE/FACTOR		FACTOR			FACTOR			F AC TOR	
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION				2	,	2	2		3
IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL) INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL)	1		1	2 3	1	3 3	4	1	4
INADEQUATE INSPECTION OF ACFT(OWNER-PILOT PERSONNEL) INADEQUATE MAINTENANCE AND INSPECTION	1		1	9	1	1	10	1	1 10
OPERATIONAL SUPERVISORY PERSONNEL	•		•						
FAILURE TO PROVIDE ADEO DIRECTIVES, MANUALS, EQUIPMENT DEFICIENCY, COMPANY MAINTAINED EQMT, SERV, REGULATIONS		1	1	1		1	1	1	1
WEATHER PERSONNEL INCORRECT WEATHER FORECAST		1	1					1	1
TRAFFIC CONTROL PERSONNEL		-							
ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS OTHER		1	1	1		1	1	1	1
AIRPORT SUPERVISORY PERSONNEL			_	1	1	2	1	1	2
IMPROPER/INADEQUATE SNOW REMOVAL AIRWAYS FACILITIES PERSONNEL				1	1	2	1	1	2
PRODUCTION-DESIGN-PERSONNEL SUBSTANDARD QUALITY CONTROL				1		1	1		1
POOR/INADEQUATE DESIGN				•	1	ĩ	•	1	ĩ
MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT	1		1		1	1	1	1	2
PASSENGER DRIVER OF VEHICLE				3 1		3 1	3 1		3 1
OTHER	1		1	1	1	2	2	1	3
THIRD PILOT Flight Engineer									
FLIGHT PERSONNEL									
DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	4	4	8	23	6	29	27	10	37
** AIRFRAME **									
WINGS FUSELAGE									
LANDING GEAR				1		1	1		1
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC NORMAL RETRACTION/EXTENSION ASSEMBLY				5		5	5		5
EMERGENCY/EXTENSION ASSEMBLY TAILWHEEL ASSEMBLIES				1		1 1	1		1
NOSEWHEEL ASSEMBLIES				1		1	1		1
WHEELS, TIRES, AXLES BRAKING SYSTEM (NORMAL)				1		1 2	1		1 2
GEAR LOCKING MECHANISM				1		1	1		1
NOSEWHEEL STEERING OTHER				2		2	1 2		2
FLIGHT CONTROL SURFACES									
SUBTOTAL				16		16	16		16
** POWERPLANT **									
ENGINE STRUCTURE CRANKCASE				1		1	1		1
CRANKSHAFT	1		1	2		2	3		3
MASTER AND CONNECTING RODS Cylinder Assembly				1		1	1		1
OTHER				ī		ī	ī		î
IGNITION SYSTEM SPARK PLUG				1		1	1		1
LEADS FUEL SYSTEM				1		1	1		1
LINES AND FITTINGS	1		1	1.		1	2		2
CARBURETOR FUEL INJECTION SYSTEM	1		1	1		1	1		1
OTHER	-		-	1		1	î		ī
LUBRICATING SYSTEM PUMP-PRESSURE				1		1	1		1
SEALS AND GASKETS COOLING SYSTEM				1		1	1		1
PROPELLER AND ACCESSORIES						-			
GOVERNORS Exhaust system				1		1	1		1
MANIFOLDS	1		1				1		1
STACKS				1 ·		1	1		1

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CAUSE/FACTOR TABLE

POWERPLANT (CONTINUED)	FATAL ACCIDENTS				TAL ACCI		ALL ACCIDENTS		
DETAILED CAUSE/FACTOR		FAC TOR			FAC TOR			FACTOR	
ENGINE ACCESSORIES									
GENERATORS ENGINE CONTROLS					1	1		1	1
THROTILE-POWER LEVER ASSEMBLIES POWERPLANT-INSTRUMENTS				2		2	2		2
FUEL QUANTITY GAUGE					1	1		1	1
MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS				4		4	- 4		4
REDUCTION GEAR ASSEMBLY Compressor Assembly									
BEARING, ROTOR SHAFT Combustion Assembly				1		1	1		1
TURBINE ASSEMBLY ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM Fuel System									
SAFETY SYSTEM Ignition system									
TORQUEMETER Air bleed									
EXHAUST SYSTEM Thrust reverser									
PROPELLER SYSTEM PITCH CHANGING MECHANISM				1		1	1		1
CONSTANT SPEED DRIVE POWER LEVER						1	•		•
PROPELLER LEVER REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT Engine Installation	-								
SUBTOTAL	4		4	23	2	25	·27	2	29
** SYSTEMS **									
ELECTRICAL SYSTEM HYDRAULIC SYSTEM SEALS OTHER				1		1	1		1
OTHER FLIGHT CONTROL SYSTEMS ANTI-ICING, DE-ICING SYSTEMS AIR CONDITION, HEATING AND PRESSURIZATION				1		1	1		1.
	1		1				1		1
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM Dxygen System									
OTHER SYSTEMS			_	_					
SUBTOTAL ** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **	1		1	2		2	3		3
FLIGHT AND NAVIGATION INSTRUMENTS Communications and navigation equipment ILS Receivers Miscellaneous equipment					1	1		1	. 1
SUBTOTAL					1	1		1	1
** ROTORCRAFT **									
ROTOR ASSEMBLIES MAIN ROTOR HEAD ASSEMBLIES TRANSMISSION ROTOR ORIVE SYSTEM FLIGHT CONTROL SYSTEMS MISCELLANEOUS UNITS AND ASSEMBLIES				1		1	t		1
SUBTOTAL				1		1	1		1
** AIRPORTS/AIRWAYS/FACILITIES **				-		-	-		-
AIRPORT FACILITIES									
RUNNAY LIGHTING AIRPORT CONDITIONS				1	1	2	1	1	2
WET RUNWAY				1	1	2	1	1	2

CAUSE/FACTOR TABLE

AIRPORTS/AIRWAYS/FACILITIES (CONTINUED)	FAT	AL ACCID	ENTS	NONFATAL ACCIDENTS			ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	FACTOR			FAC TOR		CAUSE	FAC TOR	
ICE/SLUSH ON RUNWAY SNOW ON RUNWAY SNOW WINDROWS ICE/SLUSH ON RAMP/TAXIWAY SOFT SHOULDERS (RAMP/TAXIWAY) OTHER					1 5 2 1 1 3	1 5 2 1 1 3		1 5 2 1 1 3	 5 2 1 1 3
AIRWAYS FACILITIES									
SUBTOTAL				2	15	17	2	15	. 17
** WEATHER **		_	_		_	_			
LOW CEILING RAIN FOG SNOW HAIL ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING UNFAVORABLE WIND CONDITIONS SUDDEN HUNDSULE		5 3 7 1 2 2	5 3 7 1 2 2	1 2	5 1 11 5 1 1 8	5 1 11 5 1 9 3	1 2	10 4 18 6 1 3 1 10 10	10 4 18 6 1 2 1 1 11 2 1 1
SUDDEN WINDSHIFT DOWNDRAFTS, UPDRAFTS		2	2	1	. 1	5	1	6	7
HIGH TEMPERATURE OBSTRUCTIONS TO VISION HIGH DENSITY ALTITUDE THUNDERSTORM ACTIVITY		1 3	1 3		1	1 8		1 1 8 3	· 1 1 8 3
SUBTOTAL		27	27	4	46	· 50	. 4	73	77
** TERRAIN **									
WET, SOFT GROUND SNOW-COVERED HIGH VEGETATION HIDDEN OBSTRUCTIONS ROUGH/UNEVEN ROUGH WATER GLASSY WATER HIGH OBSTRUCTIONS LOOSE GRAVEL SANDY OTHER	1	7 1	8 1	1 1 3 2 1	1 4 1 2 5 1 1 9 1 1 2	1 4 2 3 8 1 1 1 1 1 1 3	1 1 3 3	1 4 1 2 5 1 1 16 2 1 2	1 44 2 8 1 1 19 2 1 3
SUBTOTAL	1	8	9	8	28	• 36	9	36	4
** MISCELLANEOUS **								-	
FOREIGN OBJECT DAMAGE SMOKE IN COCKPIT FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS UNDETERMINED BIRD COLLISION VORTEX TURBULENCE EVASIVE MANEUVER TO AVOID COLLISION	1 2	ŀ	1 2 1	1 3 1 2	1	1 1 3 1 1 2	1 4 2. 1 1 2	1	1 1 4 2 1 1 3
SUBTOTAL	3	1	4	8	1	9	11	2	13
GRAND TOTAL	65	42	107	242	109	351	307	151	458
** MISCELLANEOUS ACTS, CONDITIONS **		42	101	242	103	171	201	191	490
PREVIOUS DAMAGE LEAK/LEAKAGE LOW COMPRESSION DOWNWIND CARBON DEPOSITS LANDED IN CONSTRUCTION AREA LOOSE, PART/FITTING GROUNDED IMPROPERLY INSTALLED	1		1	1 2 1 1 1 1 1	1 4 1	2 3 1 4 1 1 1 1	1 3 1 1 1 1 1	1 4	2 2 1 1 1 1 1 1 1
JAMED OBSTRUCTED PRESSURE TOD LOW EXCESSIVE TEMPERATURE FIRE IN WING	1		1	1 1	1.	2	1 1. 1 1	1	

CAUSE/FACTOR TABLE

MISCELLANEOUS	ACTS.	CONDITIONS	(CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS			
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	FAC TOR	TOTAL	CAUSE	FAC TOR	TOTAL	
LOAD NOT JETTISONED										
INTENTIONAL GROUND-WATER LOOP-SWERVE				ĩ		i	î		î	
INTENTIONAL WHEELS UP				1		1	ī		ī	
RAN OFF END OF RUNWAY				-	3	3	-	3	3	
IMPROPER EMERGENCY PROCEDURES	1		1	1		1	2		2	
FEATHERED WRONG ENGINE	1		1				1		1	
UNWARRANTED LOW FLYING	1		1		1	1	ī	1	2	
INATTENTIVE TO FUEL SUPPLY				1		1	1		1	
FLEW INTO BLIND CANYON	1	1	2	1		1	2	1	3	
POORLY PLANNED APPROACH		1	1	1	1	2	1	2	3	
MISCALCULATED FUEL CONSUMPTION	1		1				1		1	
IMPROPERLY SECURED				1		1	1		1	
FATIGUE FRACTURE	3		3	2		2	5		5	
HYDRAULIC FAILURE				1		1	1		1	
THRUST REVERSAL-ASYMETRICAL					1	1		1	1	
WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION					1	1		1	1	
IMPROPER ALIGNMENT/ADJUSTMENT	1		1	3	. 1	4	4	1	5	
FAILURE OF TWO OR MORE ENGINES				1	1	2	1	1	2	
SEPARATION IN FLIGHT					2	2		2	2	
FIRE IN ENGINE				2		2	2		2	
PILOT FATIGUE	1		1		3	3	1	3	4	
FUEL EXHAUSTION	1		1	10		10	11		11	
FUEL CONTAMINATION-EXCLUSIVE OF WATER IN FUEL	1		- 1				1		1	
ICE-IN FUEL				. 1		1	1		1	
AIRFRAME ICE		1	1		1	1		2	2	
ICE-WINDSHIELD					1	1		1	1	
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG	1	1	2	1	2	3	2	3	5	
INTERFERENCE WITH FLIGHT CONTROLS				1		1	- 1		1	
WHITEOUT				2	2	4	2	2	4	
SUNGL ARE		1	1					1	1	
LACK OF LUBRICATION-SPECIFIC PART, NOT SYSTEM				1		1	1		1	
OIL EXHAUSTION-ENGINE LUBRICATION SYSTEM				1		1	1		1	
FUEL SIPHONING				1		1	1		1	
AIRCRAFT CAME TO REST IN WATER		3	3		6	6		9	9	
MISSING				1		1	1		1	
HYDROPLANING ON WET RUNWAY				1		1	1		1	
OVERLOAD FAILURE		2	2	1	12	13	1	14	15	
MATERIAL FAILURE				15		15	15		15	
FUEL STARVATION	1		1	4		4	5		5	
OIL STARVATION				2 '		2	2		2	

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

FILE NUMBER	AIRCRAF REGIST。		LOCATION	A IRCRAF MAKE	MODEL	INJURY INDEX
3 0089	N3528W	012477	HAMILTON,OH	PIPER	PA-32	NONE
3 0110	N7510L	021077	ITHACA,NY	PIPER	PA-31	NONE
3 0149	N707FY	020677	CIRCLE HOT SPG,AK	CESSNA	207	NONE
3 0150	N625Q	022177	ALEXANDER CRK,AK	CESSNA	206	NONE
3 0151	N1981U	012377	FALSE PASS.AK	CESSNA	206	NONE
3 0153	N1750R	030277	NBIG DELTA,AK	CESSNA	185	NONE
3 0154	N1828R	012677	NMEKORYUK,AK	CESSNA	185	NONE
3 0156	N15364	021577	NEW TOK,AK	PIPER	PA-32	SERIOUS
3 0203	N91304	020677	RED DEVIL,AK	CESSNA	180	NONE
3 0215	N40219	021077	BROCKPORT,NY	PIPER	PA-23	NONE
3 0243	N484G	020277	MORO,OR	PIPER	PA-23	FATAL
3 0248	N1730R	011777	NAN I AK • AK	CESSNA	185	NONE
3 0249	N9965L	030477	TYONEK,AK	BEECH	G18\$	NONE
3 0266	N9929K	030377	PRESTONBURG,KY	BELL	206B	MINOR
3 0293	N32670	022277	WHITE RIVER, AZ	PIPER	PA-32	NONE
3 0304	N33214	030277	ΡΔΜΡΑ,ΤΧ	CESSNA	U206F	NONE
3 0306	N81FA	030377	ADDISON,TX	DEHAVILLAND	104	NONE
3 0316	N78100	012877	SILVER CITY,NM	CESSNA	402A	NONE
3 0327	N67077	031177	NCOLDFOOT AK	AEROSPATIAL	SA-318	NONE
3 0387	N732JP	010377	NJAROSO,CO	CESSNA	T210L	NONE
3 0479	N208DP	011977	NALPINE,WY	HILLER ACFT	FH1100	NONE
3 0544	N72106	040477	NFLAT,AK	CESSNA	U206D	NONE

FILE NUMBER	AIRCRAF REGIST.	T DATE	LOCATION	A I R CR AF MAK E	T MODEL	INJURY INDEX
	•			· .		
3 0568	N8538Q	042477	BETHEL,AK	CESSNA	206F	MINOR
3 0621	N7837S	041777	SOUR LAKE, TX	BELL	206B	NONE
3 0622	N4781U	041477	MCCALL, ID	CESSNA	180H	SERIOUS
3 0638	N200BB	010677	NMORGAN CITY,LA	BOLKOW	B0105C	FATAL
3 0659	N8111	013177	BOSTON , MA	BEECH	E185	NONE
3 0,666	N4090L	020377	BENNINGTON, VT	CESSNA	402	NONE
3 0675	N9633R	012077	YOUNGSTOWN , OH	BEECH	G185	NONE
3 0710	N14824	021877	ATLANTA, GA	BELL	206B	SERIDUS
3 0727	N87275	020777	PEORIA, IL	CESSNA	402A	NONE
3 0731	N1567U	041577	WAUSAU,WI	CESSNA	207	NONE
3 0767	N6274B	042177	MIAMI,FL	AERO COMDR	500	NONE
3 0770	N4530Q	031777	MADISON,MS	CESSNA	402	MINOR
3 0792	N65AL	042277	NLEEVILLE,LA	BELL	206B	SERIOUS
3 0797	N414R	050677	NDURANT » OK	BEECH	95-55	MINOR
3 0806	N7468L	041877	NBETHEL, AK	PIPER	PA-18	MINOR
3 0807	N22131	042177	CENTRAL CREEK,AK	CESSNA	185	NONE
3 0812	N6498L	012777	DALLAS,TX	PIPER	PA-31	NONE
3 0871	N4522T	012477	TERRE HAUTE, IN	PIPER	PA-34	NONE
3 0876	N4831U	011077	CHARLESTON , SC	CESSNA	205	NONE
3 0903	N7404L	042877	GRAND RAPIDS, MI	PIPER	PA-31	NONE
3 0919	NILH	053177	NOATAK,AK	BEECH	H-18	NONE
3 0967	NI2MK	010677	NPALM SPRINGS, CA	LEAR JET	24B	FATAL
			DACE 53			

FILE NUMBER	AIRCRAF REGIST.		LOCATION	A I RCRAF Make	MODEL	INJURY INDEX
3 0978	N33723	041577	PRESQUE ISLE,ME	PIPER	PA-34	NONE
3 1085	N1623X	061477	NFARMINGTONNM	CESSNA	210	NONE
3 1092	N1618M	062277	NHOMER	CESSNA	185	NONE
3 1139	N48325	042077	OSBORNE •KS	CESSNA	320C	NONE
3 1153	N48091	052777	NMORGAN CITY,LA	CESSNA	180F	SERIOUS
3 1194	N152BB	062077	NCAMERON + LA	BOLKOW	BO-105	NONE
3 1250	N91073	033077	ATLANTA, GA	CESSNA	207	FATAL
3 1269	N91059	061377	NSHISHMAREF, AK	CESSNA	207	MINOR
3 1308	N33373	061377	RALEIGH,NC	PIPER	PA-32	SERIOUS
3 1371	N62345	062277	NJACKSON, WY	AEROSPATIAL	SA315B	SERIOUS
3 1490	N6039S	050277	KNOXVILLE, TN	BEECH	58P	SERIOUS
3 1557	N3253R	072077	PARAGOULD, AR	CESSNA	411	MINOR
3 1562	N3345L	053177	HOUMA,LA	CESSNA	185	FATAL
3 1612	N30ST	051877	PORT ALEXANDER,AK	DEHAVILLAND	DHC-2	NONE
3 1651	N521BK	011677	NEW MINTO,AK	DEHAVILLAND	DHC-3	NONE
3 1723	N6711M	071577	CODY,WY	CESSNA	T210M	NONE
3 1751	N3574Y	060977	GREENSBORD, NC	CESSNA	182	NONE
3 1753	N41941	030877	CHARLOTTE,NC	PIPER	PA-34	NONE
3 1764	N1153H	052677	BRIDGEPORT , WV	PIPER	PA-34	FATAL
3 1797	N8406E	062777	NSO LAKE TAHOE.CA	BELL	476-2	MINOR
3 1805	N4046G	021777	NJAYUYA, PR	BELL	206-A	FATAL
3 1821	N979B	062577	NASH SPRINGS,NV	BELL	47 SG	NONE
			PACE 54			

	FILE NUMBER	AIRCRAF REGIST.		LOCATION	A I R CR AF MAK E	MODEL	INJURY INDEX
	3 1874	N4004G	082477	NLAFAYETTE,LA	BELL	47G-4A	MINOR
	3 2016	N2363B	040177	TALLAHASSEE, FL	AERO COMDR	520	NONE
	3 2069	N9228K	072577	BERNARD CREEK, ID	PIPER	PA-32R	FATAL
	3 2072	N92PF	080377	KLAMATH FALLS,OR	CESSNA	2 1.0L	MINOR
	3 2089	N2418F	080877	NMCCARTHY, AK	CESSNA	180	NONE
	3 2090	N3359L	080477	NKETCHIKAN,AK	CESSNA	185E	NONE
	3 2091	N80386	071177	GOLOVIN, AK	BEECH	E185	NONE
	3 2092	N380EH	052877	NEAGLE,AK	BELL	206B	NONE
	3 2095	N5519Y	040677	NSAN JUAN, PR	PIPER	PA-23	MINOR
	3 2116	N5928S	032377	LUTESVILLE, MO	BEECH	V-35	NONE
	3 2138	N3351L	052777	NEW YORK,NY	CESSNA	185	NONE
	3 2147	N83005	020877	PHILADELPHIA, PA	BELL	206B	NONE
•	3 2174	N337RH	073177	RUBICON SPRING,CA	BELL	47G3B1	MINOR
	3 2197	N91476	091677	HOUMA,LA	CESSNA	180F	NONE
	3 2229	N69584	061677	W.LAFAYETTE, IN	CESSNA	3100	NONE
	3 2253	N152JB	032577	DETROIT, MI	BEECH	E185	NONE
	3 2309	N4690C	072277	SALTAIRE,NY	CESSNA	185F	NONE
	3 2332	N8579F	091777	BRANSON, MO	BELL	47J	MINOR
	3 2383	N7555Y	081277	MONTGOMERY+AL	PIPER	PA-30	NONE
	3 2390	N3109G	071877	NPANAMA CITY, FL	BELL	47D 1	MINOR
	3 2470	N5107E	061277	OAK ISLAND .MN	CESSNA	180 .	NONE
	3 2506	N4569F	082977	PATTEN.ME	CESSNA	A185E	MINOR
	· •		•	PAGE 55			

FILE NUMBER	AIRCRAF REGIST.		LOCATION	A IRCRAF MAKE 	MODEL	INJURY INDEX
3 2590	N6058V	072577	CHARLESTON, SC	LAKE	L A-4	NONE
3 2597	N114V	082577	LINCOLN,IL	BEECH	C-45G	NONE
3 2601	N8437F	092977	INDIANAPOL IS + IN	CESSNA	402	NONE
3 2613	N32174	080977	HUNT INGBURG, IN	PIPER	PA-34	NONE
3 2795	N7937J	090177	NMISSOULA, MT	BELL	47G3B2	NONE
				· · · · · · · · · · · · · · · · · · ·		•
3 2797	N8396F	091177	ETNA,WY	HUGHES	369D	NÓNE
3 2798	N442JA	020377	STEPOVAK BAY,AK	SWEARINGEN	S A 2 2 6 T	SERIOUS
3 2834	N62900	062377	SPRINGFIELD,MO	CESSNA	421B	NONE
3 2884	N7433S	090977	DALLAS,TX	AEROSTAR	601	NONE
3 2982	N99798	090277	NMINTO LAKE,AK	HELIO	295	FATAL
3 3029	N9265Q	081277	PARKERSBURG, WV	BEECH	58	FATAL
3 3086	N9248Q	090977	ARL INGTON, TX	BEECH	B55	NONE
3 3113	N423X	012077	FT YUKON,AK	MAULE	M5	MINOR
3 3184	N2250L	101377	MERED ITH,NY	BEECH	C24R	MINOR
3 3203	N240E	092177	PINE BLUFF,AR	BEECH	D185	NONE
3 3211	N90760	101077	NINTRACOASTAL.LA	BOLKOW	BO-105	MINOR
3 3232	N30676	092877	NCRESTONE, CO	BELL	47G3B1	NONE
3 3233	N8062Z	081177	NENGLE+NM	CESSNA	U206	FATAL
3 3257	N127WA	081277	COFFMAN COVE,AK	DEHAVILLAND	DHC-2	NONE
3 3263	N72018	080177	TAT ITLEK • AK	CESSNA	206E	NONE
3 3280	N120ZZ	110177	CLEVELAND, OH	BEECH	G-18S	NONE
3 3307	N1718U	061477	NVINEYARD HAVEN,MA	CESSNA	207	SERIOUS
					а. С	

FILE NUMBER	AIRCRAF REGIST.		LOCATION	AIRCRAF MAKE 	T MODEL	INJURY INDEX
3 3392	N64391	100177	STEVENS PASS,WA	DEHAVILLAND	DHC-2	FATAL
3 3400	N800WA	072077	GALENA,AK	VOLPAR	H18	NONE
3 3452	N979SB	082277	CATALINA IS,CA	BEECH	E185	FATAL
3 3475	N49575	090477	HIGHTSTOWN, NJ	BELL	206L	MINOR
3 3482	N830CC	102677	EBENSBURG, PA	BEECHCRAFT	B58	MINOR
3 3534	N9900F	082577	CLOVIS,NM	CESSNA	402	NONE
3 3543	N6390	073177	NWILSON,WY	AEROSPATIAL	SA315B	MINOR
3 3604	N11700	082677	NBETHEL . AK	CESSNA	206	NONE
3 3609	N9300Z	070177	NMULCHATNA RIV,AK	DEHAVILLAND	DHC-2	SERIOUS
3 3614	N48064	080477	NBETTLES, AK	DEHAVILLAND	DHC-3	FATAL
3 3639	N45590	102777	MAD ISONVILLE,KY	CESSNA	402A	SERIOUS
3 3640	N200HM	121177	NBUCKHANNON, WV	PIPER	PA-32R	NONE
3 3659	N7670L	081977	MODESTO,CA	PIPER	PA-31P	FATAL
3 3669	N1452M	092377	NSALIDA,CO	CESSNA	U 2 06	FATAL
3 3686	N3860G	120277	GEORGETOWN, TX	CESSNA	U206B	NONE
3 3693	N4974C	090777	BETTLES, AK	CESSNA	A185F	FATAL
3 3694	N59382	.082077	NDEADHORSE, AK	BELL	206 - B	FATAL
3 3699	N4074R	070877	NEGEGIK,AK	PIPER	PA-32	NONE
3 3724	N406CA	072077	CHEEKTOWAGA,NY	PIPER	PA-31	FATAL
3 3749	N60566	112877	NCAMP VERDE, AZ	CESSNA	U206F	NONE
3 3759	N9047M	122377	MARSH ISLAND.LA	CESSNA	180	NONE
3 3767	N116MM	122277	GIDDINGS, TX	PIPER	PA-28R	FATAL
			PAGE 57			

FIL NUME		RCRAFT GIST.	DATE	LOCATION	A IRCRAF MAKE	MODEL	INJURY INDEX
3 380)4 N3	5320	083077	GOLOVIN, AK	CESSNA	170B	NONE
3 380)7 N7	3530	092177	AFOGNAK ISL,AK	CESSNA	U206F	NONE
3 381	0 N6	923 T	082477	CREVICE CREEK,AK	CESSNA	310-D	NONE
3 381	L2 N9	657P	091677	NHOMER , AK	PIPER	PA-18	NONE
3 381	4 N5	5030	091477	PORT ALSWORTH, AK	PIPER	PA-28R	NONE
3 384	+0 N7	9041	111377	PROVIDENCE • RI	CESSNA	172	NONE
3 385	57 N2	874G	121777	HONOLULU,HI	BEECH	C 45G	MINOR
3 386	51 N4	730S	120877	NINTRACSTL CITY,LA	S•N•I•A•S•	SA330J	FATAL
3 386	52 N1	.57AL	101077	NGRAND CHENIER, LA	BELL	206B	FATAL
3 389	01 N3	32PC	010677	FLINT,MI	LEAR JET	23	FATAL
3 389	95 _. N1	906T	102277	NCORONA • NM	PIPER	PA-23	FATAL
3 389	96 N5	55VM	102077	GILLSBURG, MS	CONVAIR	240	FATAL
3 390)1 N3	131W	121777	CHICAGO, IL	BEECH	E185	SERIOUS
3 390)6 N9	273Y	110377	MANITOWOC, WI	PIPER	PA-31	SERIOUS
3 393	0 N1	731G	121577	HUDSON,NY	CESSNA	310	NONE
3 395	52 N3	078L	110877	ROME,GA	CESSNA	310J	NONE
3 397	'5 N9	1048	101377	ATLANTA, GA	CESSNA	207	NONE
3 399	95 N3	810AW	120177	SAGINAW,MI	CESSNA	310P	NONE
3 400	06 N1	25TF	083177	YPSILANTI,MI	BEECH	C-45H	MINOR
3 403	32 N1	21 MB	122877	RAEFORD,NC	PIPER	PA-32	MINOR
3 407	'5 N7	089C	123077	WENATCHEE,WA	PIPER	PA-34	FATAL
3 407	'6 N1	.022F	120677	SEATTLE,WA	CESSNA	185F	NONE
				PAGE 58			

FILE NUMBER	AIRCRAF REGIST.		LOCATION	AIRCRAF MAKE 	MODEL	INJURY INDEX
3 4079	N35W	052077	QUINHAGAK • AK	BEECH	D185	NONE
3 4080	N22JA	072177	NRUBY,AK	BRITTNORMAN	BN-2H	FATAL
3 4086	N94276	090577	SHEEBO LAKE,AK	CESSNA	185F	NONE
3 4087	N403EH	113077	DEADHORSE, AK	BELL	206 - L	MINOR
3 4090	N67971	110377	ST THOMAS, VI	CURTIS-WRT	C-46	NONE
3 4093	N51071	121377	EVANSVILLE, IN	DOUGLAS	DC-3	FATAL
3 4102	N5052F	091177	NSPARREVOHN AFS,AK	HILLER ACFT	1100	NONE
3 4112	N8286	111477	BEMIDJI , MN	HILLER	UH-12E	NONE
3 4128	N2351S	111477	NVANCOUVER, WA	CESSNA	T33 7 B	SERIOUS
3 4137	N18845	121977	NANCHOR POINT, AK	HILLER ACFT	FH1100	FATAL
3 4141	N342T	122077	COVINGTON, KY	HAMILTON	E18S	NONE
3 4142	N29161	110177	ODESSA, MO	CESSNA	210L	FATAL
3 4146	N1656U	122377	NILIAMNA, AK	CESSNA	207	MINOR
3 4148	N64AC	123177	ΤΟΚΣΟΟΚ ΒΑΥ•ΑΚ	SHORT BROS	SC-7	SERIOUS
3 4157	N69338	092977	MERCER	CESSNA	402B	FATAL
3 4165	N1634H	121477	DAVENPORT, IA	PIPER	PA-34	FATAL
3 4176	N4045A	122277	NBUFFALO,NY	CESSNA	404	FATAL
3 4181	N9119Y	022377	WORTHINGTON, OH	PIPER	PA-31	SERIOUS
3 4213	N3154X	012777	NBETTLES,AK	CESSNA	207	MINOR
3 4215	N1592F	082977	BARROW+AK	CESSNA	185	NONE
3 4229	N90754	060777	NINTRACSTL CY,LA	BOLKOW	B0-105	MINOR
3 4230	N90071	031777	NINTRACSTL CY.LA	BELL	206B	FATAL
			PAGE 59			

FILE	AIRCRAF	Т		AIRCRAF	Т	INJURY
NUMBER	REGIST。	DATE	LOCATION	MAKE	MODEL	INDEX
						
3 4240	N3754Q	092477	FARMERSBURG, IN	BEECH	95-C55	FATAL
3 4245	N7584	070177	PUT-IN-BAY, OH	FORD	4-AT-B	SERIOUS
3 4246	N177HC	020377	NECEDAH,WI	BEECH	58	FATAL
3 4254	N99275	101677	FLAT ROCK,MI	SIKORSKY	S-58E	NONE

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

BRIEFS OF ON-DEMAND AIR TAXI ACCIDENTS

U.S. GENERAL AVIATION

1977

(IN STATE AND DATE ORDER)

FILE	DATE LOCATIO	N AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2383	8/12/77 MONTGOMERY, TIME - 0030	AL PIPER PA-30 N7555Y DAMAGE-SUBSTANTIAL		DMMERCIAL IR TAXI-CARGO	AIRLINE TRANSPORT, AGE 30, 2640 TOTAL HOURS, 64 IN TYPE, INSTRUMENT RATED.
•	NAME OF AIRPORT - DANN DEPARTURE POINT BIRMINGHAM,AL TYPE OF ACCIDENT WHEELS-UP	ELLY INTENDED DESTINATION MONTGOMERY,AL	PHASE OF CLANDING	DPERATION LEVEL OFF/TOUCHDOWN	

ΊLΕ	DATE	LOCATION	AIRCRAFT DATA	INJURI F S		FLIGHT PURPOSE	PILOT DATA
1651	1/16/77 TIME - 1155		DEHAVILLAND DHC-3 N521BK DAMAGE-SUBSTANTIAL	PX- 0		COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 28, 4374 TOTAL HOURS, 404 IN TYPE, INSTRUMENT RATED.
	DEPARTURE PU NEW MINTO TYPE OF ACC ENGINE FA	, AK	INTENDED DESTINATION FAIRBANKS,AK TION		TAKEO	F OPERATION FF INITIAL CLIMB FF ABORTED	
	POWERPLAN MISCELLAN MISCELLAN	- MAINTENANCE,SI T - ENGINE STRUC EOUS ACTS,CONDIT	ERVICING,INSPECTION I TURE MASTER AND CONNEC IONS - OIL STARVATION IONS - MATERIAL FAILURG	CTING RODS		ENANCE AND INSPECTIO	N
	POWERPLAN MISCELLAN MISCELLAN PARTIAL POW EMERGENCY C	EOUS ACTS,CONDIT EOUS ACTS,CONDIT ER LOSS - PARTIA IRCUMSTANCES - FI	SORIES GENERATORS IONS - IMPROPERLY INST. IONS - LEAK/LEAKAGE L LOSS OF POWER - 1 EN DRCED LANDING OFF AIRPI LOOSE,LEAKAGE FM GEN B.	GINE ORT ON LAN		FAILED.	
0248	1/17/77 NR TIME - 1100		CESSNA 185 N1730R DAMAGE-SUBȘTANTIAL			COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 46, 12466 TOTAL HOURS, 900 IN TYPE, INSTRUMENT RATED.
	DEPARTURE PI BETHEL,AK TYPE OF ACC GROUND-WA		INTENDED DESTINATION UNKNOWN/NOT REPORTED	РН		F OPERATION NG ROLL	
			TO MAINTAIN DIRECTION	AL CONTROL			
		EOUS ACTS,CONDIT D GUSTING 20K.WI					
				PAGE 62			
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_____ FILE DATE LINCATION AIRCRAFT DATA IN. HIRTES FLIGHT PILOT DATA F S M/N PURPOSE 3-3113 1/20/77 FT YUKON.AK MAULE M5 CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 26, 2000 TOTAL HOURS, 90 IN TYPE, TIME - 1620 N423X PX- 0 0 3 AIR TAXI-PASSG DAMAGE-SUBSTANTIAL INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP FT YUKON.AK RETURN **ΒΔΜΡΔΒΤ.ΔΚ** TYPE OF ACCIDENT PHASE OF OPERATION COLUDED WITH TREES IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VER FLIGHT INTO ADVERSE WEATHER CONDITIONS EACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - ICE-WINDSHIELD WEATHER - EDG WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. WEATHER BRIEFING - UNKNOWN/NOT REPORTED SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 1000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3 MILES OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 0 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR VFP REMARKS- FLEW INTO BUSHES IN NEAR LEVEL ATTITUDE. 3-0151 1/23/77 FALSE PASS, AK CESSNA 206 CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 30, 1010 TOTAL HOURS, 30 IN TYPE, TIME - UNK/NR N198111 PX- 0 0 0 AIR TAXI-PASSG DAMAGE-SUBSTANTIAL NOT INSTRUMENT RATED. NAME OF AIRPORT - FALSE PASS DEPARTURE POINT INTENDED DESTINATION SAND POINT.AK FALSE PASS,AK TYPE OF ACCIDENT PHASE OF OPERATION UNDER SHOOT LANDING FINAL APPROACH COLLIDED WITH OBJECT LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- A/C STRUCK BARREL

BRIEFS OF ACCIDENTS

			BRIEFS	OF A						
FILE	DATE	LOCATION			F S	5 M/N	PURPOSE		ΡΙΙΩΤ ΔΑΤΑ	
3-0154	TIME - 154		N1828R DAMAGE-SUBSTANTIAL	CR-	0	0 · 1	COMMERCIAL AIR TAXI-PASSG		COMMERCIAL, AGE 31, TOTAL HOURS, 800 IN INSTRUMENT RATED.	
	DEPARTURE BETHEL • A		INTENDED DESTINATION MEKORYUK,AK							
	TYPE OF AC HARD LAN	CIDENT			P٢		DF OPERATION ING LEVEL OFF/TOUCHDO	WN		
	FACTOR(S)	COMMAND - SELECT	ED UNSUITABLE TERRAIN WED VFR FLIGHT INTO ADV							
	PILOT IN TERRAIN	COMMAND - IMPROF - ROUGH/UNEVEN	PER IN-FLIGHT DECISIONS	OR PL	ANN	[NG				
		۵	DVERSE/UNFAVORABLE WEAT	HER						
	REMARKS- P	LT THOUGHT SELECT	ED LNDG AREA WAS FROZEN	LAKE	• 1	T TUR	NED OUT TO BE FROZEN U	NEVEN	TUNDRA.	
3-4213	1/27/77 N TIME - 103	R.BETTLES.AK O	CESSNA 207 N3154X DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 1 0 0	COMMERCIAL AIR TAXI-CARGO		COMMERCIAL, AGE 30, TOTAL HOURS, 426 IN INSTRUMENT RATED.	
	DEPARTURE	-	INTENDED DESTINATION		Ĺ		NROUTE STOP			
	BETTLES, TYPE OF AC COLLISIO	CIDENT				ASE	TUVAK,AK DF.OPERATION LIGHT DESCENDING			
		COMMAND - CONTIN	NUED VFR FLIGHT INTO ADW E LOST/DISORIENTED	'ER SE	WEA.	THER	CONDITIONS			
						•				
	WEATHER BR WEATHER FO	IEFING - UNKNOWN/ RECAST - UNKNOWN/ CIRCUMSTANCES - F	/NOT REPORTED PRECAUTIONARY LANDING OF						·	
			SUSPECTED MECHANICAL DIS	SCREPA	NCY					
	SKY CONDIT	ION NOT REPORTED			CI	EILIN 1000	G AT ACCIDENT SITE			
	VISIBILITY	AT ACCIDENT SITE	E e e		P	RECIP	ITATION AT ACCIDENT SI	TE		
		R(UNLIMITED) NS TO VISION AT A	ACCIDENT SITE		т	SNOW FMPFR	A TURE-F			
	FOG	•				20	-			
	TYPE OF WE · IFR	ATHER CONDITIONS			т	VFR	F FLIGHT PLAN			
					. ·					
				PAGE	64	4 ·				

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOS	
3-2798	2/3/77 STEPOVAK BAY,A TIME - 2030		CR- 0 0 2 COMMERCIA PX- 0 1 12 AIR TAXI-	
	NAME OF AIRPORT - BIG RIV DEPARTURE POINT STEPOVAK BAY,AK TYPE OF ACCIDENT GROUND-WATER LOOP-SWERV GEAR COLLAPSED	INTENDED DESTINATION KING SALMON,AK	PHASE OF OPERATIO TAKEOFF RUN TAKEOFF RUN	
	PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR FACTOR(S) MISCELLANEOUS ACTS,CONC	NOSEWHEEL STEERING ITIONS - OVERLOAD FAILURI	. · · · ·	
3-0203	2/6/77 RED DEVIL,AK TIME - 1630	CESSNA 180 N91304 Damage-Substantial	CR- 0 0 1 COMMERCIA PX- 0 0 2 AIR TAXI-	
	DEPARTURE POINT. BETHEL-AK TYPE OF ACCIDENT COLLIDED WITH SNOWBANK NOSE OVER/DOWN	INTENDED DESTINATION RED DEVIL,AK	PHASE OF OPERATIO Landing Roll Landing Roll	
		ED TO MAINTAIN DIRECTION CTED UNSUITABLE TERRAIN	AL CONTROL	
3-0149	2/6/77 CIRCLE HOT SPO TIME - 1600	.AK CESSNA 207 N707FY DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMMERCIA PX- 0 0 6 AIR TAXI-	-PASSG AGE 25, 1868 TOTAL HOURS 81 IN TYPE, NOT INSTRU-
	NAME OF AIRPORT - CIRCLE DEPARTURE POINT CIRCLE HOT SPG+AK TYPE OF ACCIDENT COLLIDED WITH SNOWBANK GROUND-WATER LOOP-SWERV	INTENDED DESTINATION FORT YUKON,AK	PHASE OF OPERATIO Takeoff Run Takeoff Run	MENT RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - MIS, PILOT IN COMMAND - EXEF FACTOR(S) MISCELLANEOUS ACTS,COND	NUDGED CLEARANCE CISED POOR JUDGMENT		

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA		F	IES S M/I	N		PILOT DATA
3-0156	PROBABLE CAU	INT DENT WITH GROUND/WAT ISE(S)	PIPER PA-32 N15364 DAMAGE-SUBSTANTIAL INTENDED DESTINATION NIGHTMUTE,AK	CR- PX-	0 0 PI	0 1 HASE	1 D	COMMERCIAL AIR TAXI-PASSG OPERATION IGHT NORMAL CRUISE	COMMERCIAL, AGE 25, 2983 TOTAL HOURS, 39 IN TYPE, INSTRUMENT RATED.
	FACTOR(S) MISCELLANE	OUS ACTS,CONDIT	IONS - WHITEOUT						
3-0150	TIME - 1600 NAME OF AIRP DEPARTURE PO ANCHORAGE, TYPE OF ACCI	AK	N6250 DAMAGE-SUBSTANTIAL		0 PI	0 HASE	0 0 F	COMMERCIAL AIR TAXI-CARGO OPERATION FROM LANDING	COMMERCIAL, AGE 42, 9200 TOTAL HOURS, 350 IN TYPE, INSTRUMENT RATED.
	PILOT IN C FACTOR(S) TERRAIN -	OMMAND - FAILED OMMAND - EXERCI	TO MAINTAIN DIRECTION SED POOR JUDGMENT D CONDITIONS	L CON	TRO	L.			
	VISIBILITY 5 OR OVER OBSTRUCTIONS NONE TYPE OF WEAT VFR	IN IT REPORTED IT ACCIDENT SITE UNLIMITED) TO VISION AT A HER CONDITIONS W AND SLUSH ON	CCIDENT SITE		PI TI	400 RECI NON EMPEI 40	O PIT E RAT DF	AT ACCIDENT SITE MATION AT ACCIDENT SITE TURE-F FLIGHT PLAN	

PAGE 66

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FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE ______ CR- 0 0 1 COMMERCIAL 3-0153 3/2/77 NR.BIG DELTA.AK CESSNA 185 AIRLINE TRANSPORT, AGE TIME - 1000 N1750R PX- 0 0 2 AIR TAXI-PASSG 28, 3777 TOTAL HOURS, 319 DAMAGE-SUBSTANTIAL IN TYPE, INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION FAIRBANKS,AK BIG DELTA,AK TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) TERRAIN - SNOW-COVERED TERRAIN - HIDDEN OBSTRUCTIONS REMARKS- PLT LNDD ON SNOW COVERED RIVER. RT SKI DUG INTO SNOW AND HIT LOG. 3-0249 3/4/77 BEECH G18S TYONEK, AK CR- 0 0 1 COMMERCIAL COMMERCIAL, FL.INSTR., TIME - 1400 N9965L PX- 0 0 0 AIR TAXI-CARGO AGE 43, 2690 TOTAL HOURS, DAMAGE-SUBSTANTIAL 360 IN TYPE, INSTRUMENT RATED. NAME OF AIRPORT - TYONEK DEPARTURE POINT INTENDED DESTINATION ANCHORAGE, AK TYONEK, AK TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN LANDING GO-AROUND COLLIDED WITH SNOWBANK PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT PROP/ENGINE VIBRATION REMARKS- RUTS IN ICE. 3-0327 3/11/77 NR.COLDFOOT AK AEROSPATIAL SA-318 CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 29, 3100 TIME - 1115 N67077 PX- 0 0 0 AIR TAXI-CARGO TOTAL HOURS, 1500 IN DAMAGE-SUBSTANTIAL TYPE, NOT INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP COLDFOOT AK RETURN FIELD SITE TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED TAKEOFF VERTICAL PROBABLE CAUSE(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL -FAILURE TO PROVIDE ADEG.DIRECTIVES.MANUAL.EQUIPMENT MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. MISCELLANEOUS ACTS, CONDITIONS - LOAD NOT JETTISONED REMARKS- PLT THOUGHT ONE DRUM ON EXTERNAL SLING, ACTUALLY TWO. 371.5LBS OVR MAX GWT.

BRIEFS OF ACCIDENTS

				BRIEFS	S OF AC					
0534 4/4/77 NR=LAT_AK CESSMA U206D CR-0001 CM-DAAGC-SINSTANTIAL COMMERCIAL, AGE 25, 637 11ME - 1720 N72106 PP-0003 SATS TAXION COMMERCIAL, AGE 25, 637 DEPARTURE POINT INTENDED CESTINATION NCGRATHAK PHASE OF OPERATION INTENDED CESTINATION ANVIK.AX NCGRATHAK PHASE OF OPERATION LANDIAG ROLL INSTRUMENT RATED. PROBABLE CAUST(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS FACTORS FACTOR PILOT IN COMMAND - INADEGUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - BECAME LOSIZORIENTED WEATHER - LOW CETLING WEATHER - SIMM ON ON FIEL ADVERSE/UNFAVORABLE WEATHER SATHER SATES SATHER PAGE OST UNG ON FIEL ADVENCEST INFORMATION CELLING AT ACCIDENT SITE SATHER FORCAST - UNKNOW/NOT REPORTED WEATHER FORCAST - UNKNOW/NOT REPORTED LOW ON FIEL ADVENCE/UNFAVORABLE WEATHER SATHER SATES AND COMMERCIAL, AGE 34, 3512 SKY CONDITION CELING AT ACCIDENT SITE INFORMATION AT ACCIDENT SITE SATHER FORCAST - UNKNOW/NOT REPORTED SATHER FORCAST - UNKNOW/NOT REPORTED UNG NO FIEL ADVERCULATEONS TO VISION AT ACCIDENT SITE INFORMATE AT ACCIDENT SI	FILE			AIRCRAFT DATA	INJ F	URIES	N	FL IGHT PURPOSE		PILOT DATA
TYPE OF ACCIDENT NOSE OVERADOWN PRADEDC OVERADOWN LANDING ROLL PROBABLE CAUST(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS FACTOR(S) PILOT IN COMMAND - BRCALL PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - BRCALL LOST/OISORIENTED WEATHER - LOW CELLING WEATHER - DOG WEATHER - FOG WEATHER FORCAST - UNKNOWN DT REPORTED WEATHER FORCAST - UNKNOWN DT REPORTED WEATHER FORCAST - UNKNOWN DT REPORTED WEATHER FORCAST - UNKNOWN DT FREATION ANDING OFF AIRPORT OVERCAST - UNKNOWN DT FREATIONS SKY CONDITION OVERCAST - DOECAUTIONAUL ANDING OFF AIRPORT VISIBILITY AT ACCIDENT SITE - PRECLIPITATION AT ACCIDENT SITE SNOW OBSTAUCTIONS TO VISION AT ACCIDENT SITE - SNOW OBSTAUCTIONS TO VISION AT ACCIDENT SITE - SNOW OFFRILE.AK PIDE OF FLICHT PLAN VFR 		4/4/77 N TIME - 172 DEPARTURE	RoFLAT#AK O POINT	CESSNA U206D N72106 DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR-	σο	1	COMMERCIAL	TO T.	AL HOURS, 47 IN TYPE.
PILOT IN COMMAND - GONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PACTORS PILOT IN COMMAND - INADEGUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - BECAME LOST/DISORIENTED WEATHER - LOW CELLING WEATHER - LOW CELLING WEATHER - SNOW WEATHER - SNOW WEATHER FORCAST - UNKNOWN/NOT REPORTED WEATHER FORCAST - UNKNOWN/NOT REPORTED WEATHER FORCAST - UNKNOWN/NOT REPORDED WEATHER FORCAST VISIBILITY AT ACCIDENT SITE 150 VISIBILITY AT ACCIDENT SITE 150 DBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS BUDWING SNOW TYPE OF FLIGHT PLAN VFR 00806 4/14/77 NR-BETHEL,AK PIPER PA-18 CR- 0 0 1 COMMERCIAL DEPARTURE POINT INTENDED DESTINATION NGTHEL,AK RETURN PX- 0 0 0 AIR TAXI-PASSG TOTAL HOURS, 1000 IN TYPE OF ACCIDENT INTENDED DESTINATION NGTHEL,AK RETURN NTULUKSAK,AK TYPE OF ACCIDENT INTENDED DESTINATION NFLIGHT LOW PASS PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCULANEOUS - FORCIGN MATERTAL AFFECTING NORMAL OPERATIONS REMARKS- PILOT THREW JACKET OUT OF A/C. JACKET DRAPED AROUND LEADING EDGE R WING.		TYPE OF AC	CIDENT							
ADVERSE/UNFAVORABLE WEATHER SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS DBSTRUCTIONS TO VISION AT ACCIDENT SITE BLOWING SNOW TYPE OF FLIGHT PLAN VFR 0806 4/18/77 NR.BETHEL,AK PIPER PA-18 TIME - 1115 N7468L PX- 0 0 1 COMMERCIAL DEPARTURE POINT INTENDED DESTINATION DAMAGE-SUBSTANTIAL DEPARTURE POINT STALL SPIRAL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS REMARKS- PILOT THREW JACKET OUT OF A/C. JACKET DRAPED AROUND LEADING EDGE R WING. CELLING AT ACCIDENT SITE SKY CONDITION CELLING AT ACCIDENT SITE SKY CONDITIONS CELLING AT ACCIDENT SITE SKY CONDITIONS CELLING AT ACCIDENT SITE SKY CONDITIONS COMMERCIAL, AGE 34, 3512 COMMER	~	PILOT IN FACTOR(S) PILOT IN WEATHER WEATHER WEATHER TERRAIN WEATHER BR WEATHER FO	COMMAND - CONT COMMAND - INADI COMMAND - BECA - LOW CEILING - FOG - SNOW - SNOW - SNOW-COVERED IEFING - BRIEFEE RECAST - UNKNOW CIRCUMSTANCES -	EQUATE PREFLIGHT PREPARAT ME LOST / DISORIENTED D BY FLIGHT SERVICE PERSO V/NGT REPORTED PRECAUTIONARY LANDING OF	DNNEL.	D/OR P By Pho	LAN			· · · · · ·
OVERCAST 150 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3 MILES OR LESS SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS BLOWING SNOW TYPE OF FLIGHT PLAN VFR VFR 0806 4/18/77 NR.BETHEL,AK PIPER PA-18 CR- 0 1 COMMERCIAL COMMERCIAL, AGE 34, 3512 0806 4/18/77 NR.BETHEL,AK PIPER PA-18 CR- 0 0 AIR TAXI-PASSG TOTAL HOURS, 1000 IN VFR DEPARTURE POINT INTENDED DESTINATIAL DAMAGE-SUBSTANTIAL TOTAL HOURS, 1000 IN TYPE, INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP NTULUKSSK, AK TYPE, INSTRUMENT RATED. BETHEL,AK RETURN NTULUKSSK, AK PHASE OF OPERATION IN FLIGHT LOW PASS PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING IN FLIGHT LOW PASS PROBABLE CAUSE(S) PILOT TINCOMMAND - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS REMARKS- PILOT THREW JACKET OUT OF A/C. JACKET DRAPED AROUND LEADING EDGE R WING.				LOW ON FUEL						
TIME - 1115 N7468L PX- 0 0 0 AIR TAXI-PASSG TOTAL HOURS, 1000 IN DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP BETHEL.AK RETURN NTULUKSAK,AK TYPE OF ACCIDENT PHASE OF OPERATION IN FLIGHT LOW PASS PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS REMARKS- PILOT THREW JACKET OUT OF A/C. JACKET DRAPED AROUND LEADING EDGE R WING.		OVERCAST VISIBILITY 3 MILES DBSTRUCTIO BLOWING TYPE OF FL	AT ACCIDENT SI OR LESS NS TO VISION AT SNOW			150 PRECI SNO TYPE	PII W OF	ATION AT ACCIDENT SIT	re	
TIME - 1115 N7468L PX- 0 0 0 AIR TAXI-PASSG TO TAL HOURS, 1000 IN DAMAGE-SUBSTANTIAL DAMAGE-SUBSTANTIAL TYPE, INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP TYPE, INSTRUMENT RATED. BETHEL,AK RETURN NTULUKSAK,AK PHASE OF OPERATION TYPE JF ACCIDENT STALL SPILOT TAL IN FLIGHT LOW PASS PHASE PROBABLE CAUSE(S) IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS REMARKS- PILOT THREW JACKET OUT OF A/C. JACKET DRAPED AROUND LEADING EDGE R WING. FUNCE				•						
DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP BETHEL,AK RETURN NTULUKSAK,AK TYPE OF ACCIDENT PHASE OF OPERATION STALL SPIRAL IN FLIGHT LOW PASS PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS REMARKS- PILOT THREW JACKET OUT OF A/C. JACKET DRAPED AROUND LEADING EDGE R WING.	0806			N7468L	PX-				то т	AL HOURS, 1000 IN
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS REMARKS- PILOT THREW JACKET DUT OF A/C. JACKET DRAPED AROUND LEADING EDGE R WING.		BETHEL,A TYPE OF AC	K CIDENT	INTENDED DESTINATION		N TUL PHASE	ŪK S O I	AK,AK OPERATION		
PAGE 68	<i>.</i>	PILOT IN MISCELLA	I COMMAND - IMPRI NECUS - FOREIGN	MATERIAL AFFECTING NORMA	AL OPER	ATIONS		ING EDGE R WING.		
PAGE 68				·		•	•			
					PAGE	68				

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FILE	DATE		· AIRCRAFT DATA	INJURIES F S M/N	PURPOSE	PILOT DATA
		CENTRAL CREEK,AK	CESSNA 185	CR- 0 0 1		COMMERCIAL, AGE 34, 2190 TOTAL HOURS, 479 IN TYPE INSTRUMENT RATED.
	DEPARTURE BIG DELT TYPE OF AC	A,AK CIDENT			F OPERATION	
		AUSE(S)) UNSUITABLE TERRAIN	LANUI	NG ROLL	
	FACTOR(S) AIRPORTS	/AIRWAYS/FACILITIE	5 - AIRPORT CONDITIONS	SNOW ON RUNK	AY	
3-0568		BETHEL,AK			COMMERCIAL	COMMERCIAL, AGE 35, 926
	TIME - 100	0	N8538Q DAMAGE-SUBSTANTIAL	PX- 0 0 5	AIR TAXI-PASSG	TOTAL HOURS, 905 IN TYPE INSTRUMENT RATED.
	TYPE OF AC COLLIDED	CIDENT WITH SNOWBANK			F OPERATION FF RUN	
		AUSE(S) COMMAND - MISJUDG	D CLEARANCE			
	FACTOR(S) AIRPORTS	AIRWAYS/FACILITIE	S - AIRPORT CONDITIONS	SNOW ON RUNK	IAY	
3-1612	5/18/77 TIME - 121		DEHAVILLAND DHC-2 N30ST DAMAGE-SUBSTANTIAL		COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 35, 1600 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
			IDER INTENDED DESTINATION PORT ALEXANDER,AK			
		CIDENT OWN LANDING IN WATE			NF OPERATION NG ROLL	
	PROBABLE C AIRFRAME		RMAL RETRACTION/EXTEN	SION ASSEMBLY	• "	an a
· ·	MISCELLA	NEOUS ACTS, CONDITIO	NS - MATERIAL FAILURE		an a	an a
	• • • .				. ~ .	
			· •	PAGE 69		

BRIES OF ACCIDENTS

FILE	DATE LOCATION		INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA
	5/20/77 QUINHAGAK,AK TIME - 1320	BEECH D18S N35W DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMMERCIAL PX- 0 0 2 AIR TAXI-PASSG	COMMERCIAL, AGE 28, 1500 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - QUIN DEPARTURE POINT PLATINUM.AK TYPE OF ACCIDENT COLLIDED WITH DIRT B.	INTENDED DESTINATION BETHEL.AK	LAST ENROUTE STOP QUINHAGAK,AK PHASE OF OPERATION LANDING ROLL	
	AIRFRAME - LANDING GE MISCELLANEOUS ACTS+CO	E,SERVICING,INSPECTION I R BRAKING SYSTEM (NORMAL DITIONS - PRESSURE TOO LO LOSS OF LEFT BRAKE PRESSU	W	ION
3-2092	PERSONNEL - MAINTENAN AIRFRAME - LANDING GE MISCELLANEOUS ACTS+CO	R BRAKING SYSTEM (NORMAL DITIONS - PRESSURE TOO LO' LOSS OF LEFT BRAKE PRESSU	SYSTEM) W	AIRLINE TRANSPORT, AGE 38, 5389 TOTAL HOURS, 2770 IN TYPE, INSTRUMENT
3-2092	PERSONNEL - MAINTENAN AIRFRAME - LANDING GE MISCELLANEOUS ACTS,CO REMARKS- PILOT REPORTED 5/28/77 NR.EAGLE,AK	R BRAKING SYSTEM (NORMAL IDITIONS - PRESSURE TOO LOU LOSS OF LEFT BRAKE PRESSU BELL 206B N380EH	SYSTEM) W RE UPON LANDING. CR- 0 0 1 COMMERCIAL	AIRLINE TRANSPORT, AGE 38, 5389 TOTAL HOURS,

			BRIEFS	S OF A	CCI	DENTS		
FILE	DATE	LOCATION	AIRCRAFT DATA			IES S M/N	FL IGHT PURPOSE	PILOT DATA
3-0919	5/31/77 TIME - 16		BEECH H-18 N1LH DAMAGE-SUBSTANTIAL				COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 36, 6022 TOTAL HOURS, 1900 IN TYPE, INSTRUMEN RATED.
		IRPORT - NOATAK	NTENDED DESTINATION					
	DEPARTURE		NTENDED DESTINATION NOATAK,AK					
	TYPE OF A	-	HUATAKTAK		Р	HASE	DF OPERATION	
	HARD LA						ING LEVEL OFF/TOUCHDOWN	
	GEAR CO	LLAPSED				LAND	ING ROLL	
	PROBABLE	CAUSE(S)						
		N COMMAND - IMPROPER N COMMAND - IMPROPER	RECOVERY FROM BOUNCE	D LANI	DIN	G		
	MISCELL		NS - OVERLOAD FAILURE - AIRPORT CONDITIONS S		ĒR			
	SKY CONDI	TION			C		G AT ACCIDENT SITE	
	CLEAR			UNLIMITED PRECIPITATION AT ACCIDENT SITE				
		Y AT ACCIDENT SITE						
		ER(UNLIMITED) DNS TO VISION AT ACC	IDENT SITE	NONE TEMPERATURE-F				
	NONE	SNS TO VISION AT ACC	IDENT SITE					
		CITY-KNOTS					WEATHER CONDITIONS	· · · · ·
	CALM					VFR		
	VFR	IGHT PLAN						
	REMARKS- I	RUNWAY SLOPES UPWARD	NN APPRNACH END.					
3-1269	6/13/77	NR.SHISHMAREF.AK	CESSNA 207	CP-	0	0 1	COMMERCIAL	COMMERCIAL, AGE 31, 343
5 1207	TIME - 140		N91059 DAMAGE-SUBSTANTIAL				AIR TAXI-PASSG	
	DEPARTURE NOME,AK	POINT I	NTENDED DESTINATION SHISHMAREF,AK					
	TYPE OF A	CIDENT			PH	HASE (F OPERATION	
	COLLISI	ON WITH GROUND/WATER	CONTROLLED			IN FI	IGHT NORMAL CRUISE	
	PROBABLE		· · · · · · · · · · · · · · · · · · ·					
		N COMMAND - BECAME L Aneous acts,Conditio	OST/DISORIENTED	CANYO	N			

FILE	DATE	LOCATION	AIRCRAFT DATA		URIES SM/N		PILOT DATA
		NR.HOMER.AK				COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 3000 TOTAL HOURS, 104 IN TYPE, NOT INSTRUMENT RATED.
	SELDOV Type OF		INTENDED DESTINATION KAMISHAK BAY,AK		-	F OPERATION NG ROLL	
	PILOT FACTOR(S TERRAI		TO MAINTAIN DIRECTIONA	AL CONT	ROL		
3-3609	7/1/77 TIME - 1		DEHAVILLAND DHC-2 N9300Z DAMAGE-NONE			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 27, 1849 TOTAL HOURS, 229 IN TYPE NOT INSTRUMENT RATED.
	LAKE H TYPE OF	E POINT HOOD.AK ACCIDENT LER/ROTOR ACCIDENT T	INTENDED DESTINATION MULCHATNA RIV.AK D PERSON			F OPERATION- C IDLING ENGINE(S)	
	PROBABLE PERSON	CAUSE(S) INEL - MISCELLANEOUS-		PAX BFR	FLT.PAX	WALKED INTO TURNING	PROP.
3-3699	7/8/77 TIME - 2	NR.EGEGIK.AK 030	PIPER PA-32 N4074R DAMAGE-SUBSTANTIAL	PX-		COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 36, 4114 TOTAL HOURS, 33 IN TYPE, INSTRUMENT
	TYPE OF	E POINT NAKNEK↓AK ACCIDENT ED WITH DIRT BANK	INTENDED DESTINATION EGEGIK +AK			IF OPERATION NG ROLL	RATED.
	PILOT PILOT		D UNSUITABLE TERRAIN TO SEE AND AVOID OBJE(CH.ENCOUNTERED SMALL (

BRIEFS OF ACCIDENTS

FILE	DATE LOCATION	N AIRCRAFT DATA	F S M/N	FLIGHT PURPOSE	PILOT DATA
-2091	7/11/77 GOLOVIN.AK TIME - 1745	BEECH E185 N80386 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 28, 1881 TOTAL HOURS, 152 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - GOLO DEPARTURE POINT MOSES POINT,AK TYPE OF ACCIDENT GROUND-WATER LOOP-SWI GEAR COLLAPSED	INTENDED DESTINATION GOLOVIN,AK	UNKNOWN PHASE OF LANDIN	DUTE STOP /NOT REPORTED OPERATION G ROLL G ROLL	
	MISCELLANEOUS ACTS,CO FACTOR(S)	MPROPER IN-FLIGHT DECISIONS DNDITIONS - INTENTIONAL GRO	UND-WATER-LOOP-S		
	MISCELLANEOUS ACTS, C	DNDITIONS - IMPROPERLY LOAD DNDITIONS - OVERLOAD FAILUR JIRED AFTR TKOF TO MAINTAIN	E		EST 690# OVR LDG WGT.
-3400	7/20/77 GALENA,AK TIME — 1950	VOLPAR H18 N800WA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 7		AIRLINE TRANSPORT, AGE 28, 4785 TOTAL HOURS, 740 IN TYPE, INSTRUMENT RATEO.
	NAME OF AIRPORT - GALE DEPARTURE POINT GALENA,AK TYPE OF ACCIDENT PROPELLER/ROTOR FAIL GEAR COLLAPSED	INTENDED DESTINATION LOCAL	LANDIN	DPERATION G LEVEL DFF/TOUCHDO G ROLL	
	MISCELLANEOUS ACTS.C	ER SYSTEM PITCH CHANGING M ONDITIONS - FATIGUE FRACTUR MPROPER OPERATION OF BRAKES	E	ON TROL S	
	MISCELLANEOUS ACTS,C	ONDITIONS - THRUST REVERSAL ONDITIONS - OVERLOAD FAILUR			
-4080	7/21/77 NR.RUBY,AK TIME - 1845	BRITTNORMAN BN-2H N22JA DAMAGE-SUBSTANTIAL	PX- 1 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 24, 3675 Total Hours, 400 in type, Not instrument rated.
	DEPARTURE POINT RUBY,AK Type of accident Collision with groun	INTENDED DESTINATION COLORADO CREEK+AK D/WATER CONTROLLED		OPERATION F INITIAL CLIMB	
		ELECTED UNSUITABLE TERRAIN ISJUDGED SPEED AND CLEARANC	_		

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION			=	S M/	Ν	PURPOSE	PILOT DATA
	8/1/77 TIME - 164 NAME OF AI DEPARTURE	TATITLEK,AK 5 RPORT - TATITLEK POINT	CESSNA 206E N72018 DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- PX-	0	0	1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 31, 1100 TOTAL HOURS, 67 IN TYPE, INSTRUMENT RATED.
	CORDOVA TYPE OF AC UNDERSHO HARD LAN	CIDENT	TATITLEK,AK		Ρ	LAN	DI	= OPERATION IG FINAL APPROACH IG LEVEL OFF/TOUCHDO	DŴN
	PROBABLE C PILOT IN		GED DISTANCE, SPEED, AND	ΑLΤΙΤι	IDE				
2090	8/4/77 N TIME - 130	R.KETCHIKAN,AK 00	CESSNA 185E N3359L DAMAGE-SUBSTANTIAL	PX-	0			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 33, 10000 TOTAL HOURS, 5025 IN TYPE, INSTRUMENT RATED.
	DEPARTURE KETCHIKAN TYPE OF AC COLLIDED	1, AK	R LAKE INTENDED DESTINATION KETCHIKAN,AK	. •				OPERATION F ABORTED	
	PILOT IN FACTOR(S)	COMMAND - INADEO	JATE PREFLIGHT PREPARA D ACTION IN ABORTING T		ND/	'OR P	LAI	INING	
	5 OR OVE	AT ACCIDENT SITE R(UNLIMITED)			Ρ	UNL RECI NOM	IM PI E		ITE
	NONE	INS TO VISION AT A	CIDENT SITE			80		FLIGHT PLAN	
	VFR REMARKS- L	IN LIFT-OFF FRM 40	DOFT LAKE IN BASIN SUR	ROUNDED	0.0	NON IN 3		DES BY MTNS.D/A APRX	4700FT.
				PAGE	7	4			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURI F S	M/N	FLIGHT PURPOSE	PILOT DATA
	8/4/77 M TIME - 190 DEPARTURE	NR.BETTLES.AK D5 POINT RIVER.AK CCIDENT	DEHAVILLAND DHC-3 N48064 DAMAGE-SUBSŤANTIAL INTENDED DESTINATION BETTLES+AK	CR- 1 (PX- 0 (0 0 0 0	COMMERCIAL AIR TAXI-CARGO DF OPERATION FF INITIAL CLIMB	COMMERCIAL, AGE 39, 5000 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT RATED.
	PILOT IN PILOT IN PILOT IN FACTOR(S) TERRAIN TERRAIN WEATHER WEATHER MISCELL	N COMMAND - MISUSE N COMMAND - FAILED N COMMAND - MISJUD N COMMAND - FAILED - LOOSE GRAVEL - HIGH OBSTRUCTIO - DOWNDRAFT, UPDRA - OBSTRUCTIONS TO	NS ETS VISION ANEUVER TO AVOID COLLIS	(ING SPEED ALTITUDE			
	2 MILES OBSTRUCTIO SMOKE WIND DIREC 270 TYPE OF W VFR	TION Y AT ACCIDENT SITE OR LESS DNS TO VISION AT A CTION-DEGREES EATHER CONDITIONS	CCIDENT SITE	PRI TEI WII	UNKNO ECIPI NONE MPERA 70 ND VE 10 PE OF	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SITE TURE-F LOCITY-KNOTS FLIGHT PLAN WN/NOT REPORTED	E
	FIRE AFTE REMARKS-						
-2089	8/8/77 TIME - 210	NR.MCCARTHY.AK 00	CESSNA 180 N2418F DAMAGE-SUBSTANTIAL			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 23, 3500 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT RATED.
	DEPARTURE MCCARTH TYPE OF A COLLIDE	Y,AK			LAND	F OPERATION NG ROLL NG ROLL	
	PILOT I FACTOR(S) AIRPORT MISCELL	N COMMAND - SELECT N COMMAND - MISJUD S/AIRWAYS/FACILITI ANEOUS ACTS+CONDIT	ED ÜNSUITABLE TERRAIN GED CLEARANCE ES - AIRPORT CONDITION IONS - PILOT FATIGUE IP+WRECKED C-180 ON RIG				

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BRIEFS OF ACCIDENTS

FILE			AIRCRAFT DATA				PILOT DATA
			AIRCRAFT DATA	F	S M/N	PURPOSE	
-3257	8/12/77 COF TIME - 1330 NAME OF AIRPOR DEPARTURE POIN	FFMAN COVE,AK RT — COFFMAN CO NT	DEHAVILLAND DHC-2 N127WA DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1	COMMERCIAL	COMMERCIAL, AGE 26, 2110 TOTAL HOURS, 105 IN TYPE, INSTRUMENT RATED.
	TYPE OF ACCIDE			ſ	ΡΗΑSΕ Ο ΤΑΚΕ(F OPERATION DFF ABORTED	
· ·	PROBABLE CAUS PILOT IN COM PILOT IN COM	MMAND - INADEQU	ATE PREFLIGHT PREPARA ED SPEED AND CLEARANC		∕OR PL∆	NNING	i, in i
-3694	8/20/77 NR-DF	EADHOR SE + AK	BELL 206-B	C.R 1	0 0	COMMERCIAL	COMMERCIAL, AGE 29, 2000
	TIME - UNK/NR		N59382 DAMAGE-DESTROYED INTENDED DESTINATION			AIR TAXI-PASSG	TOTAL HOURS, 911 IN TYPE, INSTRUMENT RATED.
	DEADHORSE,AN TYPE OF ACCIDE		ESKIMO ISLAND,AK			DF OPERATION WW/NOT REPORTED	
	PROBABLE CAUSE						
		US - UNDETERMIN DMG AND INJURY	ED INDEX PRESUMED, EQUIPPO	ED WITH E	EMERGEN	ICY FLOATS.	
-3810	REMARKS- A/C [DMG AND INJURY	20	CR- 0 PX- 0			AIRLINE TRANSPORT, AGE 50, 19700 TOTAL HOURS, 500 IN TYPE, INSTRUMENT
-3810	REMARKS- A/C I 8/24/77 CRI TIME - 1400 NAME OF AIRPOR	DMG AND INJURY EVICE CREEK,AK RT - CREVICE CR	INDEX PRESUMED, EQUIPPO	CR- 0 PX- 0			50, 19700 TOTAL HOURS,
-3810	REMARKS- A/C I 8/24/77 CRI TIME - 1400 NAME OF AIRPOR	DMG AND INJURY EVICE CREEK,AK RT - CREVICE CR NT ENT	INDEX PRESUMED, EQUIPPO CESSNA 310-D N6923T DAMAGE-SUBSTANTIAL EEK INTENDED DESTINATION CREVICE CREEK, AK	CR- 0 PX- 0	0 1 _30.2		50, 19700 TOTAL HOURS, 500 IN TYPE, INSTRUMENT
-3810	REMARKS- A/C I 8/24/77 CRI TIME - 1400 NAME OF AIRPOR DEPARTURE POID BETTLES, AK TYPE OF ACCIDI GEAR RETRAC PROBABLE CAUSI PERSONNEL -	DMG AND INJURY EVICE CREEK,AK RT - CREVICE CR NT ENT TED E(S) MAINTENANCE,SE	INDEX PRESUMED, EQUIPPO CESSNA 310-D N6923T DAMAGE-SUBSTANTIAL EEK INTENDED DESTINATION CREVICE CREEK, AK RVICING, INSPECTION I	CR- 0 PX- 0	0 1 _30.2 PHASE (LANDI	COMMERCIAL AIR TAXI-PASSG DF OPERATION NG ROLL	50, 19700 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
-3810	REMARKS- A/C I 8/24/77 CRI TIME - 1400 NAME OF AIRPOF DEPARTURE POII BETTLES,AK TYPE OF ACCIDI GEAR RETRAC PROBABLE CAUSI PERSONNEL - AIRFRAME - I MISCELLANEOI MISCELLANEOI MISCELLANEOI	DMG AND INJURY EVICE CREEK,AK RT - CREVICE CR NT ENT E(S) MAINTENANCE,SE LANDING GEAR O US ACTS,CONDITI	CESSNA 310-D N6923T DAMAGE-SUBSTANTIAL EEK INTENDED DESTINATION CREVICE CREEK,AK RVICING,INSPECTION I THER ONS - IMPROPERLY SECU ONS - MATERIAL FAILUR	CR- O PX- O NADEQUATI RED	0 1 _30.2 PHASE (LANDI	COMMERCIAL AIR TAXI-PASSG DF OPERATION NG ROLL	50, 19700 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
-3810	REMARKS- A/C I 8/24/77 CRI TIME - 1400 NAME OF AIRPOR DEPARTURE POID BETTLES, AK TYPE OF ACCIDI GEAR RETRAC PROBABLE CAUSI PERSONNEL - AIRFRAME - I MISCELLANEOU MISCELLANEOU MISCELLANEOU MISCELLANEOU	DMG AND INJURY EVICE CREEK,AK RT - CREVICE CR NT ENT TED E(S) MAINTENANCE,SE LANDING GEAR O US ACTS,CONDITI US ACTS,CONDITI US ACTS,CONDITI	CESSNA 310-D N6923T DAMAGE-SUBSTANTIAL EEK INTENDED DESTINATION CREVICE CREEK,AK RVICING,INSPECTION I THER ONS - IMPROPERLY SECU ONS - MATERIAL FAILUR	CR- O PX- O NADEQUATI RED E	0 1 _0 2 PHASE (LANDI E MAIN	COMMERCIAL AIR TAXI-PASSG DF OPERATION NG ROLL TENANCE AND INSPECTION	50, 19700 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
-3810	REMARKS- A/C I 8/24/77 CRI TIME - 1400 NAME OF AIRPOR DEPARTURE POID BETTLES, AK TYPE OF ACCIDI GEAR RETRAC PROBABLE CAUSI PERSONNEL - AIRFRAME - I MISCELLANEOU MISCELLANEOU MISCELLANEOU MISCELLANEOU	DMG AND INJURY EVICE CREEK,AK RT - CREVICE CR NT ENT TED E(S) MAINTENANCE,SE LANDING GEAR O US ACTS,CONDITI US ACTS,CONDITI US ACTS,CONDITI	CESSNA 310-D N6923T DAMAGE-SUBSTANTIAL EEK INTENDED DESTINATION CREVICE CREEK,AK RVICING,INSPECTION I THER ONS - IMPROPERLY SECU ONS - MATERIAL FAILUR ONS - MISSING	CR- O PX- O NADEQUATI RED E SING.	0 1 _0 2 PHASE (LANDI E MAIN	COMMERCIAL AIR TAXI-PASSG DF OPERATION NG ROLL TENANCE AND INSPECTION	50, 19700 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
-3810	REMARKS- A/C I 8/24/77 CRI TIME - 1400 NAME OF AIRPOR DEPARTURE POID BETTLES, AK TYPE OF ACCIDI GEAR RETRAC PROBABLE CAUSI PERSONNEL - AIRFRAME - I MISCELLANEOU MISCELLANEOU MISCELLANEOU MISCELLANEOU	DMG AND INJURY EVICE CREEK,AK RT - CREVICE CR NT ENT TED E(S) MAINTENANCE,SE LANDING GEAR O US ACTS,CONDITI US ACTS,CONDITI US ACTS,CONDITI	CESSNA 310-D N6923T DAMAGE-SUBSTANTIAL EEK INTENDED DESTINATION CREVICE CREEK,AK RVICING,INSPECTION I THER ONS - IMPROPERLY SECU ONS - MATERIAL FAILUR ONS - MISSING	CR- O PX- O NADEQUATI RED E SING.	0 1 _0 2 PHASE (LANDI E MAIN	COMMERCIAL AIR TAXI-PASSG DF OPERATION NG ROLL TENANCE AND INSPECTION	50, 19700 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.

BRIEFS OF ACCIDENTS

FILE	DATE LOCATION	AIRCRAFT DATA	F S M/N	FLIGHT PURPOSE	PILOT DATA
	8/26/77 NR.BETHEL,AK TIME - 2118		CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 23, 2157 TOTAL HOURS, 385 IN TYPE NOT INSTRUMENT RATED.
	DEPARTURE POINT KWETHLUK,AK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNC COLLIDED WITH OBJECT	EEK LAKE,AK	IN FL	F OPERATION IGHT NORMAL CRUISE NG ROLL	
. · · · ·	PROBABLE CAUSE(S) PILOT IN COMMAND - CONTIN PILOT IN COMMAND - BECAME PILOT IN COMMAND - IMPROP MISCELLANEOUS ACTS,CONDIT FACTOR(S) WEATHER - RAIN WEATHER - FOG COMPLETE POWER LOSS - COMPL WEATHER FORECAST - FORECAST EMERGENCY CIRCUMSTANCES - E	LOST/DISORIENTED ER IN-FLIGHT DECISIONS IONS - FUEL EXHAUSTIO ETE ENGINE FAILURE/FLA RECEIVED-METHOD UNKNO SUBSTANTIALLY CORRECT	OR PLANNING MEOUT-1 ENGINE WN	DNDITIONS	
	SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED)		UNLIM PRECIPI RAIN	TATION AT ACCIDENT SITE	
	OBSTRUCTIONS TO VISION AT A FOG WIND DIRECTION-DEGREES 315	CCIDENT SITE	TE MP ER A 50 W IND VE1 4	TUR E-F LOCI TY-KNATS	
	TYPE OF WEATHER CONDITIONS VFR REMARKS- AJC FLOAT EQUIPPED	•COLLIDED W/SAND BAR.		FLIGHT PLAN	
3-4215	8/29/77 BARRON- 4K	CESSNA 185	CR- 0 0 1	COMMERCIAL	CERTIFICATE UNKNOWN. *GE
• • • •	TIME - 1315	N1592F DAMAGE-SUBSTANTIAL		AIR TAXI-PASSG	UNK/NR. UNK/NR TOTAL Hours, unk/nr in type, unk/nr instrument rated.
	NAME OF AIRPORT - VILEY POS Departure Point NUIOSUT.AK Type DF.ACCIDENT GROUND-WATER LOOP-SWERVE	INTENDED DESTINATION BARRON+AK	PHASE D	F OPERATION Ng Roll	
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PAGE 77

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FILE	DATE	LOCATION	AIRCRAFT DATA	F S M/N		PILOT DATA			
	8/30/77 TIME - 104	GOLOVIN,AK +5 IRPORT - GOLOVIN	CESSNA 170B	CR- 0 0 1		COMMERCIAL, AGE 20, 1126 TOTAL HOURS, 400 IN TYPE INSTRUMENT RATED.			
	GOLOVIN TYPE OF AC	AK CCIDENT FAILURE OR MALFUNC	NOME,AK	TAKEOF	OPERATION F INITIAL CLIMB G LEVEL OFF/TOUCHDOWN	N			
	POWERPLA MISCELLA FACTOR(S) MISCELLA PARTIAL PO EMERGENCY	ANEOUS - BIRD COLL INT - IGNITION SYS ANEOUS ACTS,CONDIT ANEOUS ACTS,CONDIT DWER LOSS - PARTIAL CIRCUMSTANCES - FO	TEM LEADS IONS - GROUNDED IONS - IMPROPERLY LOADE IONS - AIRCRAFT CAME TO L LOSS OF POWER - 1 ENO INCED LANDING OFF AIRPO) REST IN WATER. GINE	HT-AND/OR C.G.				
3-2982		TYPE OF BIRD UNKNON	₩N. HELIO 295	CR- 1 0 0		COMMERCIAL, FL.INSTR.,			
	TIME - 091		N99798 DAMAGE-DESTROYED		AIR TAXI-PASSG	AGE 28, 3275 TOTAL HOURS 211 IN TYPE, INSTRUMENT RATED.			
	DEPARTURE MINTO LA TYPE OF AC COLLISIO	AKE, AK	INTENDED DESTINATION FAIRBANKS,AK BOTH IN FLIGHT		OPERATION GHT CLIMB TO CRUISE				
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE								
	CONTROLI EVASIVE	S OF AVIATION INVO ING AGENCY - NO C	LVED - SMALL US GEN.AV. DNTROL KNOWN/NOT REPORTED	CONTRO	N. DL ZONE∕AREA - NO DLLISION LIGHTS - OPEI	RATING			
				PAGE 78					

			BRIEF:	S UF AU		EN 15		
FILE	DATE	LOCATION	AIRCRAFT DATA	IN. F	JUR I S	ES M/N	FLIGHT PURPOSE	PILOT DATA
	9/5/77 SHEE TIME - 1200	BD LAKE,AK					COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 27, 4390 TOTAL HOURS, 394 IN TYPE, INSTRUMENT
	DEPARTURE POINT BETTLES,AK TYPE OF ACCIDEN STALL		INTENDED DESTINATION RETURN	N LAST ENROUTE STOP SHEEBO LAKE∳AK PHASE OF OPERATION TAKEOFF INITIAL CLIMB				RATED.
	PILOT IN COMM FACTOR(S) TERRAIN - ROU	AND - FAILED AND - IMPROPE	TO OBTAIN/MAINTAIN FL R IN-FLIGHT DECISIONS TS					
	SKY CONDITION OVERCAST VISIBILITY AT A 5 OR OVER(INU OBSTRUCTIONS TO NONE WIND DIRECTION- 135 TYPE OF WEATHER VFR REMARKS- A/C FU	IMITED) VISION AT AC DEGREES CONDITIONS	CIDENT SITE		PR TE WI TY	ILING 3000 ECIPI NONE MPER/ 50 ND VE 20 PE OF VFR	TE	
3-3693	9/7/77 BETT TIME - 1120	LES,AK	CESSNA A185F N4974C DAMAGE-MINDR				COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 5722 TOTAL HOURS, 11876 IN TYPE, INSTRUMENT RATED.
	BETTLES,AK TYPE OF ACCIDEN	IT	INTENDED DESTINATION BETTLES,AK D PERSON		PH	WILD ASE C	ROUTE STOP LAKE+AK JF OPERATION FROM LANDING	
		AND - EXERCIS	ED POOR JUDGMENT SIST IN DOCKING FLOAT	PLANE				

BRIEFS OF ACCIDENTS

			BRIEFS		CIDENTS							
FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	URIES SM/N	· FLIGHT PURPOSE	PILOT DATA					
-4102	9/11/77 N TIME - 084	R.SPARREVOHN AFS,AK 0	HILLER ACFT 1100 N5052F DAMAGE-SUBSTANTIAL	CR- PX-	0 0 1 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 47, 12651 TOTAL HOURS, 245 IN TYPE, INSTRUMENT RATED.					
	TYPE OF AC	POINT I HN AFS,AK CIDENT N WITH GROUND/WATER				F OPERATION NG POWER-ON LANDING						
	PROBABLE C PILOT IN FACTOR(S)	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH										
	WEATHER	NEOUS ACTS,CONDITIO - DOWNDRAFT,UPDRAFT IEFING - NO RECORD										
		-			CEILING UNLIM PRECIPI NDNE	I TE						
		NS TO VISION AT ACC	IDENT SITE		WIND DI 150	RECTION-DEGREES						
	20 TYPE OF FL VFR				VFR							
		LOAT EQPTD.GSTS 30K	T.TURB RSLTD IN UNUSA	AL ATTD	AT TO L	W AN ALTD TO ALLOW R	ECOVERY.					
-3814	9/14/77 TIME - 170	PORT ALSWORTH,AK 0	PIPER PA-28R N55030 Damage-substantial		0 0 1 0 0 0	COMMERCÍAL . Air taxi-cargo	COMMERCIAL, FL.INSTR., AGE 24, 1575 TOTAL HOURS, 175 IN TYPE, INSTRUMENT RATED.					
		IN,AK CIDENT	TH NTENDED DESTINATION ILIAMNA↓AK		PORT PHASE O	ROUTE STOP ALSWORTH↓AK F OPERATION NG ROLL						
	PILOT IN	PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN MISCELLANEOUS ACTS,CONDITIONS - LANDED IN CONSTRUCTION AREA										
			NS - OVERLOAD FAILUR OCKS,LOOSE GRAVEL RUM		DER CONS	TRUCTION						
				PAGE	80							

FILE	DATE	LOCATION	AIRCRAFT DATA				FL IGHT PUR POSE	PILOT DATA	
3-3812	9/16/77 NR.HOMER.AK TIME - 1545				CR- 0 0 1 COMMERCIA PX- 0 0 1 AIR TAXI-			AIRLINE TRANSPORT, AGE 55, 18000 TOTAL HOURS, 450 IN TYPE, INSTRUMENT RATED.	
	DEPARTURE POI								
	ANCHORAGE, A		HOMER + AK						
	TYPE OF ACCID	ENT					OPERATION		
	UNDERSHOOT COLLIDED WI	ТН ОВЈЕСТ					G FINAL APPROACH G LEVEL OFF/TOUCHDOW	N	
	WEATHER - S PILOT IN CO FACTOR(S) TERRAIN - H MISCELLANEO WEATHER BRIEF	UDDEN WINDSHI MMAND - FAILE NIGH OBSTRUCTI US ACTS,CONDI ING - NO RECO	D TO INITIATE GO-AROUND	IDE					
	SKY CONDITION	Ì					AT ACCIDENT SITE		
	CLEAR		-			IMIT		F	
	VISIBILITY AT 5 OR OVER(U		t		PREC.		ATION AT ACCIDENT SIT	E	
			ACCIDENT SITE	WIND DIRECTION-DEGREES					
	WIND VELOCITY	-KNOTS			TYPE		WEATHER CONDITIONS		
	TYPE OF FLIGH VFR	IT PLAN							

FILE		CATION	AIRCRAFT DATA	F S M/N	FLIGHT PURPOSE	PILOT DATA	
	9/21/77 AFDGNA TIME - 0840		CESSNA U206F N73530 DAMAGE-MINDR	CR- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR.,	
	DEPARTURE POINT KODIAK,AK TYPE OF ACCIDENT COLLIDED WITH		INTENDED DESTINATION RETURN	AFOGNA PHASE O	ROUTE STOP AK ISL,AK F OPERATION FF ABORTED	KATED.	
	WEATHER FORECAST	RAFT,UPDRA 9 WATER 0BSTRUCTIC - RECIEVED - FORECAST					
	SKY CONDITION SCATTERED VISIBILITY AT ACC		=	UNLIM	AT ACCIDENT SITE ITED TATION AT ACCIDENT SI	ITE	
	5 OR OVER(UNLIM OBSTRUCTIONS TO V NONE		ACCIDENT SITE	HOIL L	WEATHER CONDITIONS		
	TYPE OF FLIGHT PL OTHER						
	OTHER REMARKS- APPROACH	T EQUIPPED.					

BRIEFS OF ACCIDENTS

FILE			AIRCRAFT DATA	FS	M/N	PURPOSE	PILOT DATA				
-4087	11/30/77 DEA		BELL 206-L	CR- 0 PX- 0	0 1 0	DMMERCIAL IR TAXI-PASSG					
	NAME OF AIRPORT - DEADHORSE DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP PUMP STATION NO.1 RETURN VALVE NO.1 TYPE OF ACCIDENT PHASE OF OPERATION ROLL OVER LANDING FINAL APPROACH										
	ROLL OVER LANDING FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION MISCELLANEOUS ACTS, CONDITIONS - WHITEOUT FACTOR(S) WEATHER - FOG WEATHER - FOG WEATHER - SNOW WEATHER - UNFAVORABLE WIND CONDITIONS TERRAIN - SNOW-COVERED WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE										
			BY FLIGHT SERVICE PER SUBSTANTIALLY CORREC		PHONE						

FILE	DATE	LOCATION		F	S M/N		FLIGHT PURPOSE	PILOT DATA	
-4137	12/19/77 NR.ANCHOR POINT,AKHILLER ACFT FH1100CR-100COMMERCIALCDMMERCIAL, AGE 29, 33TIME - 1828N18845PX-100AIR TAXI-PASSGTOTAL HOURS, 631 IN TYDEPARTURE POINTINTENDED DESTRIVEDLAST ENROUTE STOPNOT INSTRUMENT RATED.HOMER,AKHOMER,AKS.S.GREAT LANDTYPE OF ACCIDENTUNCONTROLLEDIN FLIGHT UNCONTROLLED DESCENT								
	PILOT IN CO PILOT IN CO FACTOR(S) WEATHER - I WEATHER - S WEATHER - S WEATHER - C WEATHER - C MISCELLANEO WEATHER BRIEF WEATHER FOREO	DMMAND - IMPROPE DMMAND - CONTINU DMMAND - SPATIAL LOW CEILING EOG SNOW ICING CONDITIONS JNFAVORABLE WIND DUS ACTS.CONDITI FING - BRIEFED B CAST - FORECAST RCUMSTANCES - UN	-INCLUDES SLEET,FREEZI	ERSE WE NG RAIN REST I NNEL≁ E	ATHER ,ETC. N WATE	R	TIONS		
	1/2 MILE OF OBSTRUCTIONS FOG WIND DIRECTIO 45	T ACCIDENT SITE R LESS TO VISION AT AC	• CIDENT SITE		UNKNO PRECIP SNOW TEMPER 33 WIND V 25	DWN/N ITATI ATURE ELOCI	ACCIDENT SITE OT REPORTED ON AT ACCIDENT SIT -F TY-KNOTS GHT PLAN	E	

FILE	DATE	LOCATION	AIRCRAFT DATA	I				FLIGHT PURPOSE	PILOT DATA					
3-4146	TIME - 113	-	DAMAGE-DESTROYED	Р X-				DMMERCIAL IR TAXI-PASSG	COMMERCIAL, AGE 27, 3222 TOTAL HOURS, 331 IN TYPE, INSTRUMENT RATED.					
	ILIAMNA,A	к	INTENDED DESTINATION NAKNEK+AK	1										
	TYPE OF AC	CIDENT)PERATION HT NORMAL CRUISE						
	PILOT IN FACTOR(S) WEATHER WEATHER BR	COMMAND - CONTIN - SNOW - CONDITIONS CONU IEFING - BRIEFED	PER IN-FLIGHT DECISION NUED VFR FLIGHT INTO A DUCIVE TO CARB./INDUCT BY FLIGHT SERVICE PER SLIGHTLY WORSE THAN F	ION SY	WEAT TEM BY	HER	√G	DITIONS						
	SKY CONDIT						NG A1	F ACCIDENT SITE						
	OVERCAST VISIBILITY		PR	800 ECIF RAIM	TE									
	2 MILES OR LESS OBSTRUCTIONS TO VISION AT ACC BLOWING SNOW		ACCIDENT SITE		ŤΕ		A TUP							
	WIND DIREC						/ELOC	CITY-KNOTS						
		ATHER CONDITIONS			ΤY	WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 90 15 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR VFR								

BRIEFS OF ACCIDENTS

ILE			F	S M/N	PURPOSE	PILOT DATA
	12/31/77 TOKSOOK BAY,AK TIME - 0940	SHORT BROS SC-7	CR- 0	1 1		AIRLINE TRANSPORT, AGE 31, 3800 TOTAL HOURS, 1605 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - TOKSOOK B					
	DEPARTURE POINT					
	BETHEL,AK TYPE OF ACCIDENT	TOKSOOK BAY,AK			F OPERATION	
	COLLISION WITH GROUND/WATE				NG GO-AROUND	
	PILOT IN COMMAND - CONTIN PILOT IN COMMAND - MISJUD PILOT IN COMMAND - DELAYE MISCELLANEOUS ACTS,CONDIT	GED ALTITUDE D IN INITIATING GO-ARC		ATTER C	UNUTITIONS	
	PILOT IN COMMAND - MISJUD PILOT IN COMMAND - DELAYE	GED ALTITUDE D IN INITIATING GO-ARC IONS - WHITEOUT BY FLIGHT SERVICE PERS	UND		·	
	PILOT IN COMMAND - MISJUD(PILOT IN COMMAND - DELAYE MISCELLANEOUS ACTS.CONDIT FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED D	GED ALTITUDE D IN INITIATING GO-ARC IONS - WHITEOUT BY FLIGHT SERVICE PERS	UND ONNEL, B'	Y PHONE	·	
	PILOT IN COMMAND - MISJUD(PILOT IN COMMAND - DELAYE(MISCELLANEOUS ACTS.CONDIT) FACTOR(S) WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED & WEATHER BRIEFING - BRIEFED & WEATHER FORECAST - UNKNOWN/D SKY CONDITION OVERCAST	GED ALTITUDE D IN INITIATING GO-ARC IONS - WHITEOUT BY FLIGHT SERVICE PERS	UND ONNEL, B	Y PHONE CEILING 800	AT ACCIDENT SITE	
	PILOT IN COMMAND - MISJUDO PILOT IN COMMAND - DELAYED MISCELLANEOUS ACTS,CONDIT FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED D WEATHER FORECAST - UNKNOWN/I SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE	GED ALTITUDE D IN INITIATING GO-ARC IONS - WHITEOUT BY FLIGHT SERVICE PERS	UND ONNEL, B	Y PHONE CEILING 800 PRECIPI		ПТЕ
	PILOT IN COMMAND - MISJUDO PILOT IN COMMAND - DELAYEO MISCELLANEOUS ACTS,CONDIT FACTOR(S) WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED O WEATHER FORECAST - UNKNOWN/N SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS	SED ALTITUDE D IN INITIATING GO-ARC IONS - WHITEOUT BY FLIGHT SERVICE PERS NOT REPORTED	UND ONNEL, B'	Y PHONE CEILING 800 PRECIPI NONE	AT ACCIDENT SITE TATION AT ACCIDENT S	ITE
	PILOT IN COMMAND - MISJUDO PILOT IN COMMAND - DELAYE MISCELLANEOUS ACTS.CONDIT FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED F WEATHER FORECAST - UNKNOWN/D SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT AM	SED ALTITUDE D IN INITIATING GO-ARC IONS - WHITEOUT BY FLIGHT SERVICE PERS NOT REPORTED	UND ONNEL, B'	Y PHONE CEILING 800 PRECIPI NONE TEMPERA	AT ACCIDENT SITE TATION AT ACCIDENT S	зтте
	PILOT IN COMMAND - MISJUDO PILOT IN COMMAND - DELAYEO MISCELLANEOUS ACTS.CONDIT FACTOR(S) WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED O WEATHER BRIEFING - BRIEFED O WEATHER FORECAST - UNKNOWN/D SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT AU FOG	SED ALTITUDE D IN INITIATING GO-ARC IONS - WHITEOUT BY FLIGHT SERVICE PERS NOT REPORTED	UND ONNEL. B'	Y PHONE CEILING 800 PRECIPI NONE TEMPERA 31	AT ACCIDENT SITE TATION AT ACCIDENT S TURE-F	ITE
	PILOT IN COMMAND - MISJUDO PILOT IN COMMAND - DELAYEO MISCELLANEOUS ACTS, CONDIT FACTOR(S) WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED O WEATHER FORECAST - UNKNOWN/I SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT AU FOG WIND DIRECTION-DEGREES	SED ALTITUDE D IN INITIATING GO-ARC IONS - WHITEOUT BY FLIGHT SERVICE PERS NOT REPORTED	UND ONNEL. B'	Y PHONE CEILING 800 PRECIPI NONE TEMPERA 31 WIND VE	AT ACCIDENT SITE TATION AT ACCIDENT S	ITE
	PILOT IN COMMAND - MISJUDO PILOT IN COMMAND - DELAYEO MISCELLANEOUS ACTS.CONDIT FACTOR(S) WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED O WEATHER BRIEFING - BRIEFED O WEATHER FORECAST - UNKNOWN/D SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT AU FOG	SED ALTITUDE D IN INITIATING GO-ARC IONS - WHITEOUT BY FLIGHT SERVICE PERS NOT REPORTED	UND ONNEL• B'	Y PHONE CEILING 800 PRECIPI NONE TEMPERA 31 WIND VE 20	AT ACCIDENT SITE TATION AT ACCIDENT S TURE-F	ITE

PAGE 86

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F		ES M/N	FLIGHT PURPOSE	PILOT DATA
3-0293	2/22/77 TIME - 173	WHITE RIVER,AZ 0	PIPER PA-32 N32670 DAMAGE-SUBSTANTIAL	CR-	0	0 1	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 56, 6300 Total Hours, 400 in Type Instrumeni Rated.
	NAME OF AI DEPARTURE SHOW LOW TYPE OF AC HARD LAN GEAR COL	, AZ CIDENT DING				LAND	DF OPERATION ING LEVEL OFF/TOUCHDOV ING ROLL	
	WEATHER FACTOR(S) PILOT IN MISCELLA WEATHER BR	COMMAND - IMPROPI - UNFAVORABLE WINI COMMAND - FAILED NEOUS ACTS,CONDIT) CONDITIONS TO INITIATE GO-AROUND IONS - OVERLOAD FAILURE BY FLIGHT SERVICE PERSC		IN	PERSI	אס	
	VISIBILITY 5 OR OVE OBSTRUCTIO NONE TEMPERATUR	NOT REPORTED AT.ACCIDENT SITE R(UNLIMITED) NS TO VISION AT A(CCIDENT SITE		PR RE WI	UNKN ECIP NONE LATI UNKN	G AT ACCIDENT SITE OWN/NOT REPORTED ITATION AT ACCIDENT SI VE BEARING OF WIND OWN/NOT REPORTED ELOCITY-KNOTS	ſĔ
	VFR	ATHER CONDITIONS USTING TO 40K.			ΤY		FLIGHT PLAN	
3-3749	TIME - 094	R.CAMP VERDE, AZ 5 POINT	CESSNA U206F N60566 DAMAGE-DESTROYED INTENDED DESTINATION		0	04	COMMERCIAL AIR TAXI-PASSG NROUTE STOP	COMMERCIAL, AGE 28, 1840 TOTAL HOURS, 1070 IN TYPE, INSTRUMENT RATED.
	KAYENTA, TYPE OF AC	AZ. CIDENT AILURE OR MALFUNC'	PHOENIX, AZ.		РН	FLAG: ASE IN FI	NGOTE STOP STAFF, AZ. OF OPERATION LIGHT NORMAL CRUISE ING LEVEL OFF/TOUCHDOV	N N
	PERSONNE FACTOR(S) TERRAIN COMPLETE P	NT - FUEL SYSTEM L - MAINTENANCE,SI - WET,SOFT GROUND OWER LOSS - COMPLI	LINES AND FITTINGS ERVICING, INSPECTION IN THE ENGINE FAILURE/FLAM DRCED LANDING OFF AIRPO	EOUT-1	EN	GINE	NANCE (MAINTENANCE PERS	SONNEL)

		BRIE	EFS OF ACCIDENTS					
FILE	DATE LOCAT		INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA			
3-1557	7/20/77 PARAGOULD TIME - 1215	N3253R DAMAGE-SUBSTANTI	CR- 0 0 1 PX- 0 0 3		COMMERCIAL, AGE 23, 1654 TOTAL HOURS, O IN TYPE, INSTRUMENT RATED.			
	PARAGOULD + AR	INTENDED DESTINATION MEMPHIS+TN						
	TYPE OF ACCIDENT STALL MUSH			F OPERATION FF INITIAL CLIMB				
	PILOT IN COMMAND - FACTOR(S) WEATHER - HIGH DEN							
	SKY CONDITION	•CONDITIONS - DOWNWIND		AT ACCIDENT SITE				
	BROKEN VISIBILITY AT ACCIDE	NT SITE	2000 PRECIPI	I TF				
	5 OR OVER(UNLIMITE OBSTRUCTIONS TO VISI	D)	NONE TEMPERA 90					
	NONE WIND DIRECTION-DEGRE 210	ES	WIND VELOCITY-KNOTS 7					
	TYPE OF WEATHER COND VFR	ITIONS	TYPE OF FLIGHT PLAN IFR					
	FIRE AFTER IMPACT REMARKS- 2800FT AVAI	LABLE,3000FT REOD FOR TKOF	AT 2500FT DENS AL	Τ.				
3-3203	9/21/77 PINE BLUF TIME - 1335	N240E DAMAGE-SUBSTANTI		COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 55, 2348 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.			
	NAME OF AIRPORT - GR DEPARTURE POINT	IDER INTENDED DESTINATIO	N LAST ENF	ROUTE STOP				
	. BUFFALO,NY TYPE OF ACCIDENT	HOUSTON+TX	PINE BLUFF, AR					
	ENGINE FAILURE OR GEAR COLLAPSED	MALFUNCTION	PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING LANDING ROLL					
	PROBABLE CAUSE(S) PILOT IN COMMAND -	· IMPROPER IN-FLIGHT DECISIO	NS OR PLANNING					
	COPILOT - MISMANAG MISCELLANEOUS ACTS TERRAIN - ROUGH/UN	+CONDITIONS - FUEL STARVATIO	ON					
	COMPLETE POWER LOSS		LAMEOUT-2 ENGINES					

BRIEFS OF ACCIDENTS FILE AIRCRAFT DATA INJURIES DATE LOCATION FLIGHT PILOT DATA F S M/N PURPOSE LEAR JET 24B 3-0967 1/6/77 NR.PALM SPRINGS.CA CR- 2 0 0 COMMERCIAL ATP, FLIGHT INSTR., AGE TIME - 1700 N12MK PX- 2 0 0 AIR TAXI-PASSG 36, 4150 TOTAL HOURS, 532 DAMAGE-DESTROYED IN TYPE, INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP LAS VEGAS.NV RETURN PALM SPRINGS,CA TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT CLIMB TO CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL OTHER MISSING AIRCRAFT - LATER RECOVERED REMARKS- CREW MISINTERPRETED IFR CLNC & ATC INSTRUCTIONS.CONTROLLER FAILED TO DETECT DEVIATION FRM ROUTE. COMMERCIAL, AGE 30, 2773 3-1797 6/27/77 NR.SO LAKE TAHOE,CA BELL 47G-2 CR- 0 0 1 COMMERCIAL TOTAL HOURS, 200 IN TYPE, TIME - 1040 N8406E PX- 0 0 1 AIR TAXI-PASSG DAMAGE-SUBSTANTIAL INSTRUMENT RATED. NAME OF AIRPORT - FREEL PK.HELIPAD DEPARTURE POINT INTENDED DESTINATION SO LAKE TAHOE, CA LOCAL PHASE OF OPERATION TYPE OF ACCIDENT UNDER SHOOT LANDING POWER-ON LANDING ROLL OVER LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) WEATHER - SUDDEN WINDSHIFT FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED SKY CONDITION CEILING AT ACCIDENT SITE UNLIMITED CLEAR VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER(UNLIMITED) NONE RELATIVE BEARING OF WIND OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE RIGHT QUARTERING TAIL WIND 203-247 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 40。 45 TYPE OF WEATHER CONDITIONS WIND VELOCITY-KNOTS VFR 10 TYPE OF FLIGHT PLAN NONE REMARKS- WIND SHIFTED FROM HEADWIND TO QUARTERING TAILWIND.DENSITY ALT APPROX 12000 FT.

			BRIEFS	S OF AC					
FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	JRIES S M	/N	FLIGHT PURPOSE	PILOT DATA	
	7/31/77 TIME - 100 DEPARTURE RUBICON TYPE OF A0 ENGINE F	RUBICON SPRING.CA DO POINT SPRING.CA	N337RH DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOON LAKE,CA	CR- (PX- (0 0 0 PHAS TA	1 2 E OF KEOF	COMMERCIAL AIR TAXI-PASSG OPERATION F RUNNING G POWER-OFF AUTOROTA	COMMERCIAL, AGE 30, 2353 TOTAL HOURS, 224 IN TYPE, INSTRUMENT RATED.	
	POWERPLA MISCELLA POWERPLA MISCELLA FACTOR(S) WEATHER COMPLETE	EL - MAINTENANCE,SE ANT - IGNITION SYST ANEOUS ACTS,CONDITI ANT - ENGINE STRUCT ANEOUS ACTS,CONDITI - HIGH DENSITY ALT POWER LOSS - COMPLE	ONS - CARBON DEPOSITS TURE CRANKCASE TONS - LOW COMPRESSION	1E0VT-1	ENGI		NANCE AND INSPECTION		
	5 OR OVE OBSTRUCTIO NONE WIND DIREO 90	Y AT ACCIDENT SITE ER(UNLIMITED) DNS TO VISION AT AC CTION-DEGREES	CIDENT SITE	CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 85 WIND VELOCITY-KNOTS 5					
	VFR	EATHER CONDITIONS LEAD,OIL,AND CARBON	FOULING.		TYPE NO	-	FLIGHT PLAN		
-3659	8/19/77 TIME - 11	MODESTO,CA 53	PIPER PA-31P N7670L DAMAGE-SUBSTANTIAL	PX-	ס כ	1	COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 38, 6912 TOTAL HOURS, 31 IN TYPE, INSTRUMENT RATED.	
	DEPARTURE SAN FRAI TYPE OF AU ENGINE I	NCISCO,CA	INTENDED DESTINATION MODESTO,CA ION		LA	NDIM	- OPERATION NG FINAL APPROACH NG LEVEL OFF/TOUCHDON		
	PILOT I MISCELL MISCELL COMPLETE	N COMMAND - INADEQU N COMMAND - MISMAN ANEOUS ACTS,CONDIT ANEOUS ACTS,CONDIT POWER LOSS - COMPLE	JATE PREFLIGHT PREPARA AGEMENT OF FUEL IONS - MISCALCULATED FU IONS - FUEL EXHAUSTION ITE ENGINE FAILURE/FLAI DRCED LANDING OFF AIRP	UEL CON MEOUT-2	SUMP T ENGI	ION	INING		
				PAGE	90				

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			BRIEFS	OF AC	CI	DEN	15		
FILE		TION	AIRCRAFT DATA			SM	/ N	FLIGHT PURPOSE	PILOT DATA
	8/22/77 CATALINA TIME - 2106	IS.CA	BEECH E18S N979SB DAMAGE-DESTROYED	CR-	2	0	0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 37, 2460 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
	NAME OF AIRPORT - C DEPARTURE POINT CATALINA IS,CA TYPE OF ACCIDENT COLLISION WITH GR	INT	ENDED DESTINATION DNG BEACH,CA JNCONTROLLED		Pł			F OPERATION FF INITIAL CLIMB	
		L IMPAIRMENT DITION,HEATI S,CONDITIONS	NG AND PRESSURIZATI - FATIGUE FRACTURE		HEI	R			
	SKY CONDITION OBSCURATION VISIBILITY AT ACCID UNKNOWN/NOT REPOR OBSTRUCTIONS TO VIS FOG TYPE OF FLIGHT PLAN NONE REMARKS- PILOT,CARB	RTED Ion at accide		ABIN H	Pi T	UN REC NO YPE BE	KNO IPI NE OF LOW	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SITE WEATHER CONDITIONS MINIMUMS ACKS IN COMBUSTION CHAMB	R
-0387	1/3/77 NR.JAROSO, TIME - 2300	I	CESSNA T210L N732JP DAMAGE-SUBSTANTIAL					COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 47, 5800 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT ALBUQUERQUE,NM TYPE OF ACCIDENT ENGINE FAILURE OR WHEELS-UP	D	ENDED DESTINATION ENVER↓CO		PI	IN	FL	F OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN	
	MISCELLANEOUS - F MISCELLANEOUS ACT MISCELLANEOUS ACT FACTOR(S) TERRAIN - SNOW-CO COMPLETE POWER LOSS EMERGENCY CIRCUMSTA	OREIGN MATER S,CONDITIONS S,CONDITIONS OVERED G - COMPLETE NCES - FORCE	- INTENTIONAL WHEE ENGINE FAILURE/FLAM D LANDING OFF AIRPO	LS-UP EOUT-1 RT ON	E	NGI ND	NE	L PUMP, JAMMED PUMP, SHE	ARED PUMP SHAFT.

ILE	DATE LOCATION	AIRCRAFT DATA	INJUR F			PILOT DATA					
·3669	9/23/77 NR.SALIDA.CO TIME - 0725	CESSNA U206 N1452M DAMAGE-DESTROYED			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 53, 957 TOTAL HOURS, 310 IN TYPE INSTRUMENT RATED.					
	NAME OF AIRPORT - HARRI	ET ALEXANDER									
	DEPARTURE POINT SALIDA+CO	INTENDED DESTINATION CORTEZ,CD									
	TYPE OF ACCIDENT	CORTEZACO	F	HASE	OF OPERATION						
	STALL				LIGHT CLIMB TO CRUISE						
	PILOT IN COMMAND - MISJUGGED DISTANCE,SPEED,AND ALTITUDE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) WEATHER - DOWNDRAFT,UPDRAFTS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER SLIGHTLY BETTER THAN FORECAST										
	WEATHER - DOWNDRAFT.L WEATHER BRIEFING - BRIE	FED BY FLIGHT SERVICE PERS	ONNEL, BY		E						
	WEATHER - DOWNDRAFT.U WEATHER BRIEFING - BRIE WEATHER FORECAST - WEAT SKY CONDITION	FED BY FLIGHT SERVICE PERS	ONNEL, BY ORECAST	PHON	G AT ACCIDENT SITE						
	WEATHER - DOWNDRAFT.U WEATHER BRIEFING - BRIE WEATHER FORECAST - WEAT SKY CONDITION SCATTERED	FED BY FLIGHT SERVICE PERS HER SLIGHTLY BETTER THAN F	ONNEL, BY ORECAST C	PHONI EILIN UNLI	G AT ACCIDENT SITE MITED	TE					
	WEATHER - DOWNDRAFT.U WEATHER BRIEFING - BRIE WEATHER FORECAST - WEAT SKY CONDITION	FED BY FLIGHT SERVICE PERS HER SLIGHTLY BETTER THAN F	ONNEL, BY ORECAST C	PHONI EILIN UNLI	G AT ACCIDENT SITE	TE					
	WEATHER - DOWNDRAFT.U WEATHER BRIEFING - BRIE WEATHER FORECAST - WEAT SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT 5 OR DVER(UNLIMITED) DBSTRUCTIONS TO VISION	FED BY FLIGHT SERVICE PERS HER SLIGHTLY BETTER THAN F SITE	ONNEL, BY ORECAST C	PHONI EILIN UNLI RECIP NONE	G AT ACCIDENT SITE MITED	TE					
	WEATHER - DOWNDRAFT.U WEATHER BRIEFING - BRIE WEATHER FORECAST - WEAT SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT 5 OR OVER(UNLIMITED) DBSTRUCTIONS TO VISION NONE	FED BY FLIGHT SERVICE PERS HER SLIGHTLY BETTER THAN F SITE	ONNEL, BY ORECAST C P	PHONI EILIN UNLI RECIP NONE EMPER 53	G AT ACCIDENT SITE MITED ITATION AT ACCIDENT SI ATURE-F	TE					
	WEATHER - DOWNDRAFT.U WEATHER BRIEFING - BRIE WEATHER FORECAST - WEAT SKY CONDITION SCATTERED VISIBLITY AT ACCIDENT 5 OR OVER(UNLIMITED) DBSTRUCTIONS TO VISION NONE WIND DIRECTION-DEGREES	FED BY FLIGHT SERVICE PERS HER SLIGHTLY BETTER THAN F SITE	ONNEL, BY ORECAST C P	PHONI EILIN UNLIN RECIP NONE EMPER 53	G AT ACCIDENT SITE MITED ITATION AT ACCIDENT SI	ΤΕ					
	WEATHER - DOWNDRAFT.U WEATHER BRIEFING - BRIE WEATHER FORECAST - WEAT SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT 5 OR OVER(UNLIMITED) DBSTRUCTIONS TO VISION NONE	FED BY FLIGHT SERVICE PERS HER SLIGHTLY BETTER THAN F SITE AT ACCIDENT SITE	ONNEL, BY ORECAST C P T	PHONI UNLII RECIP NONE 53 IND VI 45	G AT ACCIDENT SITE MITED ITATION AT ACCIDENT SI ATURE-F	TE					
	WEATHER - DOWNDRAFT.U WEATHER BRIEFING - BRIE WEATHER FORECAST - WEAT SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT 5 OR OVER(UNLIMITED) DBSTRUCTIONS TO VISION NONE WIND DIRECTION-DEGREES 260	FED BY FLIGHT SERVICE PERS HER SLIGHTLY BETTER THAN F SITE AT ACCIDENT SITE	ONNEL, BY ORECAST C P T	PHONI UNLII RECIP NONE 53 IND VI 45	G AT ACCIDENT SITE MITED ITATION AT ACCIDENT SI ATURE-F ELOCITY-KNOTS	TE					

PAGE 92

			BRIEF	S OF AC					
FILE	DATE	LOCATION	AIRCRAFT DATA	IN. F	JUR	IES S M	/ N	FLIGHT PURPOSE	PILOT DATA
-3232	9/28/77 N TIME - 093	R.CRESTONE, CO 0	BELL 47G3B1 N30676 DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR-	0	0 0	1 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, 10476 TOTAL HOURS, 2525 IN TYPE, INSTRUMENT RATED.
	CRESTONE TYPE OF AC HARD LAN	, CO CIDENT	CRESTONE PEAK, CO		Ρ			F OPERATION NG POWER-ON LANDING	
	PILOT IN MISCELLA FACTOR(S) WEATHER	COMMAND - IMPRO COMMAND - IMPRO		CONTRO	LS		PLA	NT CONTROLS	
	SKY CONDIT				с			AT ACCIDENT SITE	
		SCATTERED VISIBILITY AT ACCIDENT SITE						ITED TATION AT ACCIDENT SITE	
	5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE					NO	NE		
	NONE	NS TU VISIUN AT A	ACCIDENT SITE		TE MP ER A TUR E- F 42				
	WIND DIREC	TION-DEGREES			W	IND 12		LOCITY-KNOTS	
		ATHER CONDITIONS		TYPE OF FLIGHT PLAN NONE					
	REMARKS- DENSITY ALTITUDE 13000 FEET. PEAK GUSTS 35 KTS. REPORTED BY PILOT.								
-2016	4/1/77 TIME - 172	TALLAHASSEE•FL 2	AERO COMDR 520 N2363B DAMAGE-SUBSTANTIAL	PX-				COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 53, 6500 TOTAL HOURS, 135 IN TYPE, NOT INSTRUMENT
	NAME OF AI DEPARTURE TAMPA+FL	RATED.							
	TYPE OF AC	CIDENT ATER LOOP-SWERVE	TALLAHASSEE,FL		Ρ	L۵	NDI	F OPERATION NG ROLL NG ROLL	
	PILOT IN FACTOR(S)	COMMAND - IMPRO COMMAND - FAILE	PER OPERATION OF BRAKES D TO MAINTAIN DIRECTION FIONS - OVERLOAD FAILUR	AL CON			нт	CONTROLS	

-0767	4/21/77 M] TIME - 2020	AMI,FL					/N	PURPOSE	
	COLLIDED WI PROBABLE CAUS PERSONNEL - AIRFRAME - MISCELLANEC MISCELLANEC	DENT R LOOP-SWERVE (TH BUILDING(S) SE(S) MAINTENANCE,SE LANDING GEAR B JUS ACTS,CONDITI	INTENDED DESTINATION MIAMI,FL RVICING,INSPECTION IN RAKING SYSTEM (NORMAL DNS - MATERIAL FAILURE ONS - HYDRAULIC FAILURE	PX-	P	0 0 HAS TA TA		COMMERCIAL AIR TAXI-PASSG F OPERATION FROM LANDING FROM LANDING ENANCE AND INSPECTION	COMMERCIAL, AGE 24, 646 TOTAL HOURS, 135 IN TYPE INSTRUMENT RATED.
	TIME - 1830 NAME OF AIRPO	∙FL DÆNT	BELL 47D1 N3109G DAMAGE-SUBSTANTIAL ORT INTENDED DESTINATION LOCAL		0	0 HAS	2 E 0	COMMERCIAL AIR TAXI-PASSG F OPERATION NG POWER-ON LANDING	COMMERCIAL, AGE 56, 8500 TOTAL HOURS, 3000 IN TYPE, NOT INSTRUMENT RATED.
			R OPERATION OF FLIGHT TO MAINTAIN ADEQUATE F						
	TIME - 1145 DEPARTURE POI ATLANTA.GA TYPE OF ACCIO		BELL 206B N14824 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL AIN ROTOR		0	0 HAS	ō	COMMERCIAL AIR TAXI-CARGO F OPERATION FF VERTICAL	COMMERCIAL, AGE 31, 5000 TOTAL HOURS, 400 IN TYPE INSTRUMENT RATED.
	MISCELLANE FACTOR(S) MISCELLANE	- ROTOR ASSEMBL DUS ACTS,CONDITI DUS ACTS,CONDITI	IES MAIN ROTOR HEAD / ONS - FATIGUE FRACTURE ONS - SEPARATION IN FL E OF FLIGHT FROM HOVE	IGHT			ото	R TRUNNION SEPARATED,	MAIN ROTOR SYS FAILED
				PAGE	9	4			

			DRIEFS							
FILE	DATE		AIRCRAFT DATA	INJ F	URIE S	S M∕N	FLIGHT PURPOSE	PILOT DATA		
3-1250	3/30/77 A TIME - 0139		CESSNA 207	CR-	1 0	0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 23. 2750 TOTAL HOURS UNK/NR IN TYPE, INSTRU- MENT RATED.		
	DEPARTURE PC ATLANTA,GA TYPE OF ACCI		CHTREE INTENDED DESTINATION AUGUSTA+GA				DF OPERATION DFF INITIAL CLIMB			
	MISCELLANE FACTOR(S) PERSONNEL FIRE AFTER I	OMMAND - INADEQU OUS ACTS,CONDITI - OPERATIONAL SU MPACT	ATE PREFLIGHT PREPARAT ONS – IMPROPERLY LOADE PERVÍSORY PERSONNEL C CG BEYOND AFT LIMIT.	DAIRC	RAFT	-WE		ERVICES, REGULATION		
-3975	10/13/77 A TIME - 0625	TLANTA,GA					COMMERCIAL AIR TAXI-CARGO			
	DEPARTURE PO ATLANTA,GA TYPE OF ACCI									
	TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT CLIMB TO CRUISE COLLIDED WITH WIRES/POLES LANDING ROLL PROBABLE CAUSE(S) DOWERPLANT - ENGINE CONTROLS THROTTLE-POWER LEVER ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE FACTOR(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									

FILE		DN AIRCRAFT DATA	INJURIES F S M/N	PURPOSE	PILOT DATA
3-3952	11/8/77 ROME,GA TIME - 0710	CESSNA 310J N3078L DAMAGE-SUBSTANTIA	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 32, 3250 TOTAL HOURS, 11 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT NASHVILLE, TN	INTENDED DESTINATION ATLANTA.GA	1		KATED.
	TYPE OF ACCIDENT PROPELLER/ROTOR FAIL	_		F OPERATION IGHT' NORMAL CRUISE	
	MISCELLANEOUS ACTS,(FACTOR(S) MISCELLANEOUS ACTS,(EMERGENCY CIRCUMSTANC)	STRUCTURE CRANKSHAFT CONDITIONS - MATERIAL FAILU CONDITIONS - SEPARATION IN ES - PRECAUTIONARY LANDING SUSPECTED OR KNOWN AIR SEPD FROM CRANKSHAFT.	FLIGHT ON AIRPORT		
3-3857	12/17/77 HONOLULU,H TIME - 1558	N2874G	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 38, 1984 Total Hours, 251 in type
	HONOLULU,HI Type of accident Engine failure or M	INTENDED DESTINATION KAHULUI,HI	PHASE (IN FL	DF OPERATION IGHT CLIMB TO CRUIS NG LEVEL OFF/TOUCHD	
	PROBABLE CAUSE(S) POWERPLANT - PROPELI MISCELLANEOUS ACTS, POWERPLANT - ENGINE FACTOR(S) WEATHER - UNFAVORABI MISCELLANEOUS ACTS, COMPLETE POWER LOSS -	LER AND ACCESSORIES GOVERN CONDITIONS - MATERIAL FAILU STRUCTURE .OTHER	TO REST IN WATER	2	
	SKY CONDITION SCATTERED VISIBILITY AT ACCIDEN 5 OR OVER(UNLIMITED OBSTRUCTIONS TO VISIO)	UNKNO PRECIP RAIN	S AT ACCIDENT SITE WW/NOT REPORTED ITATION AT ACCIDENT S ATURE-F	ITE
	NONE WIND DIRECTION-DEGREE		ELOCITY-KNOTS		
	60 TYPE OF WEATHER CONDI VFR		VFR	FLIGHT PLAN	-
	KEMARKS- L PRUP GOV D	RIVE GRS FAILED.R ENG, OP AT	FULL PWK FAILE	D UNER WATER SHURT UP	AKTIALNUU UN KEEFA

				S OF ACCI			
FILE			AIRCRAFT DATA	INJUR F	IES S M/Ņ		PILOT DATA
3-0622				CR- 0 PX- 0		COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 40, 4305 Total Hours, 2035 IN Type, not instrument
	TÝPE OF		INTENDED DESTINATION MCCLAIN STRIP ER UNCONTROLLED			DF OPERATION IGHT OTHER	RATED.
	PILOT FACTOR(S WEATHE WEATHE WEATHE	S) R - LOW CEILING R - FOG R - SNOW	UED VFR FLIGHT INTO AD D OF BRIEFING RECEIVED		THER (CONDITIONS	
	VISIBILI 1 MILE OBSTRUCT BLOWIN	N/NOT REPORTED TY AT ACCIDENT SITE OR LESS TONS TO VISION AT A IG SNOW FLIGHT PLAN		Ρ	UNKNO RECIPI SNOW	G AT ACCIDENT SITE DWN/NOT REPORTED TATION AT ACCIDENT SIT WEATHER CONDITIONS	Ē
3-2069	7/25/77 TIME - C	BERNARD CREEK,ID 1927	PIPER PA-32R N9228K DAMAGE-DESTROYED			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 45, 4136 TOTAL HOURS, 94 IN TYPE, INSTRUMENT
	DEPARTUR BOISE,	ACCIDENT	NROUTE STOP AN CREEK,ID DF OPERATION ING GO-AROUND	RATED.			
	PILOT PILOT PILOT MISCEL FACTOR(S TERRAJ	IN COMMAND - MISJUD IN COMMAND - FAILED LANEOUS ACTS,CONDIT 5) IN - HIGH OBSTRUCTIO		ITUDE OR YING SPEE CANYON	CLEAR D		PERIENCE.

FILE	DATE	LOCATION	AIRCRAFT DATA		JURIE FS	M/N		PILOT DATA
		PEORIA,IL	CESSNA 402A N87275 DAMAGE-SUBSTANTIAL	CR-	0 0	1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 35, 6960 TOTAL HOURS 92 IN TYPE, INSTRUMENT RATED.
	DEPARTURE PEORIA,I TYPE OF AC	L CIDENT AILURE OR MALFUNCT	INTENDED DESTINATION BRYAN,OH		S PHA T	PRIN SE 0 AKE0	NROUTE STOP NGFIELD,IL DF OPERATION DFF INITIAL CLIMB ING LEVEL OFF/TOUCHDOWN	
	MISCELLA PERSONNE COMPLETE P EMERGENCY	I COMMAND - INADEQU NEOUS ACTS,CONDITI L - MAINTENANCE,SE OWER LOSS - COMPLE CIRCUMSTANCES - FO	RVICING,INSPECTION IN TE ENGINE FAILURE/FLAM RCED LANDING DFF AIRPO	IADEQU IEOUT- IRT ON	ATE M 1 ENG LAND	AIN SINE	NNNING TENANCE AND INSPECTION S BEFORE IT WOULD SHUT OF	F.
3-2597	8/25/77 TIME - 075	LINCOLN,IL 0	BEECH C-45G N114V				COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 26, 327 Total Hours, 790 in type
	NAME OF AI DEPARTURE CHICAGO, TYPE OF AC	IL '	DAMAGE-SUBSTANTIAL TY INTENDED DESTINATION ST.LOUIS,MO		рна	SE	DF OPERATION	INSTRUMENT RATED.
	ENGINE F	AILURE OR MALFUNCT WITH CROP	ION		I	N FI	IGHT CLIMB TO CRUISE ING ROLL	
	MISCELLA PILOT IN FACTOR(S) MISCELLA PARTIAL PO EMERGENCY	NT - ENGINE STRUCT NEQUS ACTS,CONDITI I COMMAND - MISJUDG NEQUS ACTS,CONDITI DWER LOSS - PARTIAL	JRE CYLINDER ASSEMBLY DNS - MATERIAL FAILURE ED DISTANCE AND SPEED DNS - RAN OFF END OF F LOSS OF POWER - 1 ENG ECAUTIONARY LANDING ON DVERSHOT LANDING.	UNWAY				
3-3901	TIME - 040		BEECH E18S N3131W DAMAGE-SUBSTANTIAL	PX-	0 0	0 (COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 36, 510 TOTAL HOURS, 3350 IN TYPE, INSTRUMENT RATED.
	DEPARTURE CHICAGO. TYPE OF AC	IL	INTENDED DESTINATION KANSAS CITY,MO				OF OPERATION TO TAKEOFF	
		L - MISCELLANEOUS-	PERSONNEL DRIVER OF V AN RAN INTO ACFT AT TA			VIC	E RD INTERSECTION	

BRIEFS OF ACCIDENTS FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE _____ 3-0871 1/24/77 TERRE HAUTE, IN PIPER PA-34 CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 40, 2280 TIME - 1745 N4522T PX- 0 0 1 AIR TAXI-CARGO TOTAL HOURS, 80 IN TYPE, DAMAGE-SUBSTANTIAL INSTRUMENT RATED. NAME OF AIRPORT - SKY KING DEPARTURE POINT INTENDED DESTINATION KANSAS CITY TERRE HAUTE, IN TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE REMARKS- PLT BRIEFED ON ICING CONDS, ACFT NOT DEICER EQUIPPED. 3-2229 6/16/77 W.LAFAYETTE, IN CESSNA 3100 CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 31, 3141 TIME - 0851 N69584 PX- 0 0 4 AIR TAXI-PASSG TOTAL HOURS, 470 IN TYPE, INSTRUMENT RATED. DAMAGE-MINOR NAME OF AIRPORT - PURDUE UNIVERSITY DEPARTURE POINT INTENDED DESTINATION W.LAFAYETTE, IN TOCCOA+GA TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING ROLL PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) AIRFRAME - LANDING GEAR NOSEWHEEL ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - LOOSE, PART/FITTING FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (OWNER-PILOT) 3-2613 8/9/77 HUNTINGBURG, IN PIPER PA-34 CR- 0 0 1 COMMERCIAL COMMERCIAL, FL.INSTR., AGE 25, 3883 TOTAL HOURS, TIME - 0930 N32174 PX- 0 0 2 AIR TAXI-PASSG DAMAGE-SUBSTANTIAL 98 IN TYPE, INSTRUMENT RATED. NAME OF AIRPORT - HUNTINGBURG DEPARTURE POINT INTENDED DESTINATION HUNTINGBURG, IN ASHVILLE,NC TYPE OF ACCIDENT PHASE OF OPERATION TAXI TO TAKEOFF GEAR COLLAPSED PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SOFT SHOULDERS MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- PILOT WAS ATTEMPTING A 180 DEGREE TURN ON A TAXIWAY WHEN THE RT MAIN LEFT THE PAVED SURFACE.

PAGE 99

FILE		LOCATION	AIRCRAFT DATA	INJU F	S I	1/N	PURPOSE	PILOT DATA
3-4240	9/24/77 FARM TIME - 0216		BEECH 95-C55 N37540 DAMAGE-DESTROYED	CR- 1	0	0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 44, 9500 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT INTENDED DESTINATION FENTON, MO DETROIT, MI TYPE OF ACCIDENT AIRFRAME FAILURE IN FLIGHT						F OPERATION IGHT NORMAL CRUISE	KA ICU .
	REMARKS- UNDER	INVESTIGATIO	J.,					
-2601	9/29/77 INDI TIME - 0144 NAME OF AIRPORT DEPARTURE POINT	- INDIANAPO	CESSNA 402 N8437F DAMAGE-SUBSTANTIAL IS MUNI INTENDED DESTINATION				COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 31, 4010 TOTAL HOURS, 30 IN TYPE, INSTRUMENT RATED.
	INDIANAPOLIS. TYPE OF ACCIDEN STALL	IN	FLINT,MI				F OPERATION IFF INITIAL CLIMB	
	PILOT IN COMM	AND - INADEQU AND - MISUSE AND - FAILED ACT	JATE PREFLIGHT PREPARAT D OR FAILED TO USE FLAM TO OBTAIN/MAINTAIN FLY	s		PLA	NNING	
-4093	12/13/77 EVAN TIME - 1922	SVILLE, IN	DDUGLAS DC-3 N51071 DAMAGE-DESTROYED				COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 42, 9100 TOTAL HOURS, 4600 IN TYPE, INSTRUMENT
	NAME OF AIRPORT DEPARTURE POINT INDIANOPOLIS TYPE OF ACCIDE STALL MUSH	IN	E RGNL INTENDED DESTINATION NASHVILLE,TN		E' PHA:	/ANS SE C	ROUTE STOP VILLE,IN P OPERATION FF INITIAL CLIMB	RATED.
	FIRE AFTER IMPA REMARKS- UNDER		N •					
				PAGE 1	00			

				5 OF ACCIDENTS		
FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4165	12/14/77 TIME - 141	DAVENPORT,IA 5	PIPER PA-34 N1634H DAMAGE-DESTROYED	CR-100 PX-100	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 23, 1425 TOTAL HOURS, 75 IN TYPE, INSTRUMENT RATED.
	DEPARTURE DAVENPOR TYPE OF AC	I,IA	INTENDED DESTINATION DAVENPORT,IA	GARY PHASE	NROUTE STOP ,IN OF OPERATION ING TRAFFIC PATTERN-	CIRCLING
	PILOT IN FACTOR(S) WEATHER WEATHER WEATHER MISCELLA WEATHER BR	COMMAND - IMPROPE COMMAND - IMPROPE - LOW CEILING - FOG - ICING CONDITIONS NEOUS ACTS, CONDITI LEFING - BRIEFED B	R IN-FLIGHT DECISIONS R IFR OPERATION -INCLUDES SLEET,FREEZJ ONS - AIRFRAME ICE Y FLIGHT SERVICE PERSC SUBSTANTIALLY CORRECT	ING RAIN,ETC.	0	
	2 MILES OBSTRUCTIO FOG WIND DIREC 240 TYPE OF WE BELOW MIN	AT ACCIDENT SITE DR LESS NS TO VISION AT AC TION-DEGREES ATHER CONDITIONS NIMUMS	CIDENT SITE OR FLT INTO ICING CONT	400 PRECIP NONE 31 WIND V 6 TYPE C IFR	ATURE-F 'ELOCITY-KNOTS)F FLIGHT PLAN	
3-1139.	TIME - 221	5 RPORT - OSBORNE,KS	CESSNA 320C N48325 DAMAGE-SUBSTANTIAL INTENDED DESTINATION	PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 2199 TOTAL HOURS, 220 IN TYPE, INSTRUMENT RATED.
	SALINA,K TYPE OF AC	S CIDENT	OSBORNE,KS R CONTROLLED		OF OPERATION ING TRAFFIC PATTERN-	CIRÇLING
	PILOT IN	COMMAND - MISJUDG COMMAND - IMPROPE	ED ALTITUDE AND CLEAR/ R IN-FLIGHT DECISIONS D ATTENTION FROM OPER/	OR PLANNING	AFT	

FILE	DATE	LOCATION	AIRCRAFT DATA				PILOT DATA				
	3/3/77	PRESTONBURG,KY	BELL 206B N9929K DAMAGE-DESTROYED	CR- 0 PX- 0	0 1 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 1936 TOTAL HOURS, 1285 IN TYPE, INSTRUMENT RATED.				
	DEPARTURE PRESTON	CCIDENT	INTENDED DESTINATION COAL MINE			F OPERATION					
	MISCELL	CAUSE(S) EL - MISCELLANEOUS ANEOUS'ACTS,CONDIT	-PERSONNEL PASSENGER IONS - INTERFERENCE WI I OUT OF PLT'S HAND.			FF VERTICAL					
3-3639	10/27/77 TIME - 22:	MADISONVILLE,KY 25	CESSNA 402A N45590 DAMAGE-SUBSTANTIAL		1 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., Age 24, 2378 Total Hours 434 IN Type, Instrument				
	NAME OF AIRPORT - MADISONVILLE MUNI RATED. DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP TUPELO,MS DETROIT,MI EVANSVILLE,IN TYPE OF ACCIDENT PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING COLLISION WITH GROUND/WATER CONTROLLED LANDING LEVEL OFF/TOUCHDOWN										
	PILOT I PILOT I PILOT I MISCELL FACTOR(S) WEATHER TERRAIN COMPLETE WEATHER BI WEATHER F	N COMMAND - INADEG N COMMAND - IMPROF N COMMAND - IMPROF N COMMAND - MISMAN ANEOUS ACTS,CONDIT - FOG - ROUGH/UNEVEN POWER LOSS - COMPL RIEFING - BRIEFED DRECAST - FORECAST		OR PLANNI MEQUT-2 EN ONNEL, IN	NG NG I NES PER SC	Ν					
	VISIBILIT	TION OBSCURATION Y AT ACCIDENT SITE E OR LESS		PR	UNKNO	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SITE					
	DBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN										
	IFR		ACTOR IN DEGREE OF INJ		IFR	TO AVP THAT HAD WX. BEL	OW APP MINIMUMS.				

FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE 3-4141 12/20/77 COVINGTON, KY HAMILTON E185 CR- 0 0 2 COMMERCIAL COMMERCIAL, AGE 25, 2311 TOTAL HOURS, 1009 IN TIME - 2230 N342T PX- 0 0 0 AIR TAXI-CARGO TYPE, INSTRUMENT RATED. DAMAGE-SUBSTANTIAL NAME OF AIRPORT - GTR CINCINNATI DEPARTURE POINT INTENDED DESTINATION DAYTON, OH COVINGTON, KY TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- DURING LATTER PORTION OF APP L ENG WAS ALLOWED TO SPOOL DOWN LOWER THAN RT ENG. 3-0638 1/6/77 NR.MORGAN CITY, LA BOLKOW BO105C CR- 1 0 0 COMMERCIAL COMMERCIAL, AGE 52, 11079 TIME - 1607 TOTAL HOURS, 507 IN TYPE, N200BB PX- 0 0 3 AIR TAXI-PASSG INSTRUMENT RATED. DAMAGE-SUBSTANTIAL DEPARTURE POINT INTENDED DESTINATION GULF OF MEXICO HOUMA,LA PHASE OF OPERATION TYPE OF ACCIDENT COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER WEATHER BRIEFING - OTHER WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 400 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3 MILES OR LESS RAIN, RAIN SHOWERS OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 60 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 360 8 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR OTHER REMARKS- COMPANY FLT PLAN WX BRIEFING

			BRIEFS	S OF A	ccı	DEN	TS		
FILE	DATE	LOCATION	AIRCRAFT DATA		F	S M	/N	PURPOSE	PILOT DATA
	3/17/77 NF TIME - 1120 DEPARTURE INTRACSTL TYPE OF ACC PROPELLEF	R.INTRACSTL CY,LA O POINT CY,LA	BELL 206B N90071 DAMAGE-DESTROYED INTENDED DESTINATION LOCAL	CR-	1 0 F	0 0 9 9 HA S	0 0 E 0	COMMERCIAL AIR TAXI-PASSG OF OPERATION IGHT NORMAL CRUISE	COMMERCIAL, AGE 34, 7600 TOTAL HOURS, 667 IN TYPE, INSTRUMENT RATED.
)792	TIME - 144 NAME OF AII DEPARTURE I HOUMA LA TYPE OF ACC PROPELLED FACTOR(S) PERSONNED	RPORT - ST86 POINT	-PERSONNEL OTHER		0	0 1 PHAS	2 0 E 0	COMMERCIAL AIR TAXI-PASSG IF OPERATION C. IDLING ROTORS	COMMERCIAL, AGE 42, 3902 TOTAL HOURS, ALL IN TYPE, INSTRUMENT RATED.
·1153	TIME - 1030 DEPARTURE HOUMA,LA TYPE OF AC PROPELLED PROBABLE C PERSONNE	POINT CIDENT R/ROTOR ACCIDENT AUSE(S) L - MISCELLANEOUS	N48091 DAMAGE-NONE INTENDED DESTINATION MORGAN CITY,LA	PX-	0	1 >HAS	ō E C	COMMERCIAL AIR TAXI-PASSG DF OPERATION C IDLING ENGINE(S)	COMMERCIAL, FL.INSTR., AGE 23, 2100 TOTAL HOURS, 1140 IN TYPE, NOT INSTRU- MENT RATED.
				PAGE	10	04			

FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA PURPOSE F S M/N 3-1562 5/31/77 HOUMA,LA CESSNA 185 CR- 1 0 0 COMMERCIAL COMMERCIAL, AGE 39, 4690 TIME - 1548 N3345L PX- 2 0 0 AIR TAXI-PASSG TOTAL HOURS, 90 IN TYPE, DAMAGE-DESTROYED INSTRUMENT RATED. NAME OF AIRPORT - INTRACOASTAL DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP HOUMA, LA RETURN DULAC.LA TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT LANDING TRAFFIC PATTERN-CIRCLING PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VER FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING FACTOR(S) WEATHER - RAIN WEATHER - HAIL WEATHER - THUNDERSTORM ACTIVITY MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER WEATHER BRIEFING - NO RECORD OF BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 3000 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3 MILES OR LESS HAIL, RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F HAZE 74 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 270 8 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN BELOW MINIMUMS NONE REMARKS- FLOAT PLANE MAKING APP OVER CANAL FOR LNDG IN CANAL.COLLIDED WITH BRIDGE. 3-4229 6/7/77 NR.INTRACSTL CY.LA BOLKOW BO-105 CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 31, 7745 TIME - 1040 N90754 PX- 0 0 4 AIR TAXI-PASSG TOTAL HOURS, 227 IN TYPE, DAMAGE-SUBSTANTIAL NOT INSTRUMENT RATED. NAME OF AIRPORT - VERMILLION BLK 39 DEPARTURE POINT INTENDED DESTINATION INTRACSTL CY.LA LOCAL PHASE OF OPERATION TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION IN FLIGHT DESCENDING IN FLIGHT DESCENDING FIRE OR EXPLOSION IN FLIGHT COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- UNDER INVESTIGATION.

			BRIEFS	OF AC	CI	DEN	٢S				
FILE	DATE	LOCATION	AIRCRAFT DATA			IES S M/		FLIGHT PURPOSE	PILOT DATA		
-1194	6/20/77 NR.C/ TIME - 1145 DEPARTURE POI WEST CAMEROU TYPE OF ACCIDI AIRFRAME FA ROLL OVER	NT 118	BOLKOW BO-105 N152BB DAMAGE-SUBSTANTIAL INTENDED DESTINATION CAMERON,LA		0	0 HASE IN		COMMERCIAL AIR TAXI-PASSG = OPERATION IGHT CLIMB TO CRUISE NG ROLL-ON/RUN-ON	COMMERCIAL, AGE 27, 3692 TOTAL HOURS, 137 IN TYPE, INSTRUMENT RATED.		
	PILOT IN CO FACTOR(S) MISCELLANEO EMERGENCY CIR(US - FOREIGN OB MMAND - IMPROPE US ACTS,CONDITI CUMSTANCES - FO	R OPERATION OF FLIGHT ONS - AIRCRAFT CAME TO RCED LANDING OFF AIRPO	REST	IN WA	WA TER		DN OUTER SKIN ABOVE & BE	HIND PILOTS SEAT.		
-1874	8/24/77 NR.L. TIME - 1600 NAME OF AIRPON DEPARTURE PON LAFAYETTE∢LA	RT - S.MARSH IS NT	BELL 47G-4A N4004G DAMAGE-DESTROYED LAND 23 INTENDED DESTINATION LOCAL					COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 2902 TOTAL HOURS, 139 IN TYPE, NOT INSTRUMENT RATED.		
	FIRE AFTER IM	E(S) MMAND - INADEQU PACT	ATE PREFLIGHT PREPARAT WITH RT SIDE OF HELICO		1D7	TAI	EO PLA				
-2197	TIME - 0755 DEPARTURE POI HOUMA,LA TYPE OF ACCID	ENT	CESSNA 180F N91476 DAMAGE-SUBSTANTIAL INTENDED DESTINATION HOUMA+LA		0 L	0 AST MUI HASI	1 EN NSO E O	COMMERCIAL AIR TAXI-PASSG ROUTE STOP N SLIP+LA F OPERATION NG OTHER	COMMERCIAL, AGE 28, 9010 TOTAL HOURS, 1100 IN TYPE, INSTRUMENT RATED.		
	.TERRAIN - H	COLLIDED WITH OBJECT LANDING OTHER PROBABLE CAUSE(S) .TERRAIN - HIDDEN OBSTRUCTIONS REMARKS- COLLIDED WITH UNSEEN,SUBMERGED OBJECT WHILE LANDING IN CANAL									
				PAGE	10	6					

			BRIEF	S OF A	ĊĹ	DEN	τs		
FILE	DATE			I	IJURIES FLIGHT F S M/N PURPOSE			PURPOSE	PILOT DATA
3-3862		R.GRAND CHENIER,LA	BELL 206B	CR-	1	0	0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 35, 2010 TOTAL HOURS, 1231 IN TYPE, NOT INSTRUMENT RATED.
	NEW IBER	IA,LA	NTENDED DESTINATION GRAND CHENIER,LA CONTROLLED					F OPERATION IGHT NORMAL CRUISE	
	PILOT IN FACTOR(S) WEATHER WEATHER WEATHER WEATHER WEATHER BR	I COMMAND - CONTINUE I COMMAND - INADEQUA - LOW CEILING - RAIN - FOG - THUNDERSTORM ACTI IEFING - NO RECORD	D VFR FLIGHT INTO AD TE PREFLIGHT PREPARA VITY OF BRIEFING RECEIVED UBSTANTIALLY CORRECT	TION AM					
	BROKEN VISIBILITY 1 MILE O OBSTRUCTIO FOG	SIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT S 1 MILE OR LESS RAIN STRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 65 ND DIRECTION-DEGREES WIND VELOCITY-KNOTS		TATION AT ACCIDENT SIT TURE-F	E				
	IFR	ATHER CONDITIONS	SE OF DETERIORATING	WEATHE			OF NE	FLIGHT PLAN	
3-3211	TIME - 151		N90760 DAMAGE-DESTROYED NTENDED DESTINATION					COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 3878 TOIAL HOURS, 765 IN TYPE, NOT INSTRUMENT RATED.
	INTRACOAS TYPE OF AC COLLIDEC ROLL OVE	TAL,LA CIDENT) WITH FENCE,FENCEP	LUCAL		P	LA	NDI	F OPERATION NG POWER-ON LANDING NG POWER-ON LANDING	
	PROBABLE C PILOT IN FIRE AFTER	I COMMAND - FAILED T	O SEE AND AVOID OBJE	CTS OR	OB	3 S T P	UCT	IONS	

			BRIEFS	OF ACCID								
FILE	DATE	LOCATION	AIRCRAFT DATA	INJURI F S	ES M/N	FL IGHT PUR POSE	PILOT DATA					
-3861			S.N.I.A.S. SA330J N4730S DAMAGE-DESTROYED	CR- 1	0 1		ATP,FLIGHT INSTR., AGE 53, 16267 TOTAL HOURS, 450 IN TYPE, INSTRUMENT					
	DEPARTURE POINT INTENDED DESTINATION RATED. INTRACDASTAL CITY+LA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH OBJECT LANDING GO-AROUND											
	PILOT IN (COPILOT - PERSONNEL FACTOR(S)	IMPROPER COMPENSA	ERSONNEL OTHER									
	SKY CONDITI	NC	AT ACCIDENT SITE									
		AT ACCIDENT SITE (UNLIMITED)		3200 PRECIPITATION AT ACCIDENT SITE NONE								
		S TO VISHON AT ACC	IDENT SITE	Ŕ E W I	RIGHT	E BEARING OF WIND QUARTERING HEAD WIN RECTION-DEGREES	D 023-067 DEGREES					
	WIND VELOCI	TY-KNOTS		T		WEATHER CONDITIONS						
	TYPE OF FLIGHT PLAN NONE REMARKS- COLLIDED WITH CRANE CABLE. CRANE OPR FAILED TO PARK CRANE BOOM IN STOWED POSITION. WIND GUST 30K.											
-3759	12/23/77 TIME - 1100	MARSH ISLAND,LA	CESSNA 180 N9047M DAMAGE-SUBSTANTIAL			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 32, 3726 TOTAL HOURS 1325 IN TYPE, INSTRUMENT RATED.					
	DEPARTURE P MARSH ISL		NTENDED DESTINATION HOUMA,LA									
	TYPE OF ACC			Pł		DF OPERATION DFF RUN						
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING FACTOR(S)											
	MISCELLAN	EOUS ACTS,CONDITIO T ATTMPTD TAKEOFF	NS — DOWNWIND DNWND ON 2500 FT CANA	L								
				PAGE 108	3							

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FILE		LOCATION	AIRCRAFT DATA	F	S M/	N		PILOT DATA
	4/15/77 PRES TIME - 0610			CR- PX-			COMMERCIAL AIR TAXI-PASSG	
	NAME OF AIRPORT DEPARTURE POINT		INTENDED DESTINATION					
	BANGOR∢ME TYPE OF ACCIDEN GROUND-WATER GEAR COLLAPSE	LOOP-SWERVE	PRESQUE ISLE ME		ΤΑΧ	I	OPERATION FROM LANDING FROM LANDING	
	PROBABLE CAUSE(PILOT IN COMM FACTOR(S)	S) AND - MISJUDGE	ED SPEED					
	AIRPORTS/AIRW AIRPORTS/AIRW	AYS/FACILITIES	ISORY PERSONNEL IMPR S - AIRPORT CONDITION S - AIRPORT CONDITION ONS - OVERLOAD FAILUR	S ICE/ S OTHE	SLUSH			
	REMARKS- TAXIWA	Y HAD 5DEG DOV	NSLOPE & PATCH OF IC	E.ACF T	SLID N	ΝI	CE TO DRY TAXIWAY.	
-2506	8/29/77 PATT TIME - 1030	EN∳ME	CESSNA A185E N4569F DAMAGE-SUBSTANTIAL	PX-			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 41, 4160 Total Hours, 1003 In Type, Instrument rated.
	NAME OF AIRPORT DEPARTURE POINT PATTEN,ME	:						
	TYPE OF ACCIDEN COLLIDED WITH						OPERATION F INITIAL CLIMB	
	PILOT IN COMM FACTOR(S)	AND - INADEQUA AND - MISJUDG	ATE PREFLIGHT PREPARA ED DISTANCE,SPEED,AND			LAN	NING	
		NDRAFT•UPDRAF H TEMPERATURE IER	15					
	SKY.CONDITION SCATTERED						AT ACCIDENT SITE TED	
	VISIBILITY AT A 5 OR OVER(UNL OBSTRUCTIONS TO	IMITED)	CIDENT SITE		NON TEMPE	E	ATION AT ACCIDENT SITE URE-F	
	NONE WIND DIRECTION- 270	DEGREES			92 WIND 10	VEL	OCITY-KNOTS	
	TYPE OF WEATHER					-	FLIGHT PLAN	

		BRIEFS OF ACCIDENTS ILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA											
-165					: :	S M/N		PURPOSE	PILOT DATA .				
-0659	1/31/77 TIME - 2030	BOSTON,MA PORT - LOGAN INTL POINT	BEECH E18S N8111 DAMAGE-SUBSTANTIAL		0 0	0 1 0 0	OF	COMMERCIAL AIR TAXI-CARGO OPERATION	COMMERCIAL, AGE 34, 4893 TOTAL HOURS, 1693 IN TYPE, INSTRUMENT RATED.				
		ATER LOOP-SWERVE WITH SNOWBANK						G ROLL G ROLL					
	FACTOR(S)		R OPERATION OF BRAKES CONDITIONS	AND/OR	FI	LIGHT	c	ONTROLS					
	5 OR OVER	AT ACCIDENT SITE R(UNLIMITED)	NACHT CITE		PF	UNLI RECIP NONE	MI IT	ATION AT ACCIDENT SIT	E				
	NONE WIND VELOCI 14 TYPE OF FLI		LIDENT SITE			270		ECTION-DEGREES WEATHER CONDITIONS					
	NONE REMARKS- W]	IND GUSTING 18K.											
3307	TIME - 2200	R.VINEYARD HAVEN.M. D RPORT - MARTHA VIN	N1718U DAMAGE-SUBSTANTIAL					COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 38, 3265 TOTAL HOURS, 82 IN TYPE, INSTRUMENT RATED.				
	DEPARTURE F FALMOUTH TYPE OF ACC	MA	INTENDED DESTINATION VINEYARD HAVEN,MA		Pł	HASE	OF	OP ER A TI ON					
		WITH TREES				LANC	IN	G FINAL APPROACH					
		COMMAND - IMPROPE	R IFR OPERATION TO FOLLOW APPROVED PRO	OCEDUR	ES,	DIREC	TI	VES,ETC.					
			ACCESSORIES - COMMUNIC FM OTIS APCH CTL.WX BL										
				PAGE	11	0							
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			BRIEF	S OF AC				
FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	URIE S	S M/N	FL IGHT PUR POSE	PILOT DATA
	1/6/77 FL TIME - 1912			CR-	2 0	0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 56, 18320 TOTAL HOURS, 1648 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPO DEPARTURE POI YPSILANTI,M TYPE OF ACCID STALL	NT I	INTENDED DESTINATION FLINT,MI		F PHA	LINT SE (IROUTE STOP ',MI IF OPERATION NG FINAL APPROACH	
	PILOT IN CO PILOT IN CO FACTOR(S) PERSONNEL - PILOT IN CO MISCELLANEO	MMAND - FAILED MMAND - IMPROPE MMAND - FAILED TRAFFIC CONTRO MMAND - LACK OF US ACTS,CONDITI	TO INITIATE GO-ARDUND R OPERATION OF FLIGHT TO OBTAIN/MAINTAIN FL' DL PERSONNEL ISSUED IN FAMILIARITY WITH AIR(ONS - POORLY PLANNED D	YING SPI MPROPER CRAFT	OR	CONF	LICTING INSTRUCTIONS	
	FIRE AFTER IM REMARKS- PLT		JET EXPERIENCE. VECT	DRED,CL	RD F	OR 1	LS BACK CUS 3NM SE OF	MIDDLE MARKER.
-2253	3/25/77 DE TIME - 0045	TROIT,MI	BEECH E18S N152JB DAMAGE-SUBSTANTIAL				COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 32, 4480 TOTAL HOURS, 3726 IN TYPE, INSTRUMEN RATED.
	NAME OF AIRPO DEPARTURE POI FORT WAYNE, TYPE OF ACCID GEAR RETRAC	IN ENT	TY INTENDED DESTINATION DETROIT.MI				F OPERATION NG ROLL	KATED.
	MISCELLANEO	LANDING GEAR	EAR LOCKING MECHANISM ONS - MATERIAL FAILUR 8845-6 FAILED.	=				
-0903	4/28/77 GR TIME - 0816	AND RAPIDS,MI	PIPER PA-31 N74044L Damage-Substantial				COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 33, 5895 TOTAL HOURS, 1415 IN TYPE, INSTRUMEN RATED.
	NAME OF AIRPO DEPARTURE POI GRAND RAPID TYPE OF ACCID WHEELS-UP	S•MI	T'L INTENDED DESTINATION PONTIAC,MI				F OPERATION NG LEVEL OFF/TOUCHDO	
	MI SCELLANEO MI SCELLANEO	LANDING GEAR NUS ACTS,CONDITIUS ACTS,CONDITI	IORMAL RETRACTION/EXTER ONS - MATERIAL FAILURE ONS - JAMMED BOARD DOOR JAMMED.		SSEM	BLY		

FILE	DATE LOCATIO		INJU F	S M,	/N		PILOT DATA
	8/31/77 YPSILANTI,M TIME - 0403	I BEECH C-45H N125TF DAMAGE-DESTROYED	CR- 0	0	1	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 38, 6331 TOTAL HOURS, 851 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - WILL DEPARTURE POINT CLEVELAND,OH TYPE OF ACCIDENT COLLISION WITH GROUN	INTENDED DESTINATION YPSILANTI,MI	I			F OPERATION NG FINAL APPROACH	NA 160.
	PROBABLE CAUSE(S) PILOT IN COMMAND - I FACTOR(S) WEATHER - FOG	MPROPER JFR OPERATION					
	SKY CONDITION PARTIAL OBSCURATION VISIBILITY AT ACCIDENT 1/2 MILE OR LESS OBSTRUCTIONS TO VISION		I	UN PREC NO	LIM IPI NE	AT ACCIDENT SITE ITED TATION AT ACCIDENT SIT WEATHER CONDITIONS	E
	FOG TYPE OF FLIGHT PLAN IFR	AT ACCIDENT SITE				MINIMUMS	
3-4254	10/16/77 FLAT ROCK,M TIME - 0845	I SIKORSKY S-58E N99275 DAMAGE-DESTROYED				COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 33, 7000 TOTAL HOURS, 4000 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT MONROE,MI TYPE OF ACCIDENT ENGINE FAILURE OR MA HARD LANDING	INTENDED DESTINATION FLAT ROCK,MI LFUNCTION	I	ΙN	FL	F OPERATION IGHT HOVERING NG POWER-OFF AUTOROTA	
		COMPLETE ENGINE FAILURE/FLA S - FORCED LANDING OFF AIRP GATION.			NE		
3-3995	12/1/77 SAGINAW,MI TIME - 1932	CESSNA 310P N310Am "Damage-substantial	PX- 0			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 24, 1695 TOTAL HOURS, 77 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - TRI- DEPARTURE POINT SAGINAW,MI TYPE OF ACCIDENT GEAR COLLAPSED	CITY INTENDED DESTINATION GRAND RAPIDS,MI				F OPERATION TO TAKEOFF	
	AIRFRAME - LANDING G	NCE,SERVICING,INSPECTION I EAR NORMAL RETRACTION/EXTE ONDITIONS - IMPROPER ALIGNM OPERLY RIGGED.	NSION AS	SEMB	LY.	CTION OF AIRCRAFT (MAI	NTENANCE PERSONNEL)

PAGE 112

			S OF ACCIDEN				
FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M	FLIGHT	PILOT DATA		
3-2470	6/12/77 OAK ISLAND,MN TIME - 0745 NAME OF AIRPORT - BONNIE B	CESSNA 180 N5107E DAMAGE-SUBSTANTIAL RAE SPB	PX- 0 0	1 COMMERCIAL O AIR TAXI-PASSG	COMMERCIAL, AGE 39, 4000 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.		
	DEPARTURE POINT INTL FALLS.MN TYPE OF ACCIDENT NOSE OVER/DOWN	INTENDED DESTINATION DAK ISLAND,MN		E OF OPERATION NDING LEVEL OFF/TOUCHD	DOWN		
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPRO REMARKS- L WNG TIP CONTACT			s			
3-4112	11/14/77 BEMIDJI,MN . TIME - 1610	HILLER UH-12E N8286 DAMAGE-SUBSTANTIAL	PX- 0 0	1 COMMERCIAL 2 AIR TAXI-PASSG	COMMERCIAL, AGE 47, 5425 TOTAL HOURS, 274 IN TYPE, INSTRUMENT RATED.		
	NAME OF AIRPORT - BEMIDJI DEPARTURE POINT ERSKINE,MN	MUNI INTENDED DESTINATION BEMIDJI,MN					
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUN HARD LANDING	ICTION	IN	E OF OPERATION FLIGHT NORMAL CRUISE NDING POWER-OFF AUTORO	TATIVE LANDING		
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADE PILOT IN COMMAND - MISMA MISCELLANEOUS ACTS,CONDI FACTOR(S)	NAGEMENT OF FUEL TIONS - FUEL EXHAUSTION		PLANNING			
	POWERPLANT - POWERPLANT MISCELLANEOUS ACTS,CONDI COMPLETE POWER LOSS - COMP EMERGENCY CIRCUMSTANCES -	TIONS - IMPROPER ALIGNM LETE ENGINE FAILURE/FLA	ENT/ADJUSTME MEOUT-1 ENGI				
3-0770	3/17/77 MADISON.MS TIME - 1945	CESSNA 402 N45300 DAMAGE-DESTROYED	CR- 0 0 PX- 0 0	1 COMMERCIAL 0 AIR TAXI-CARGO	COMMERCIAL, AGE 30, 2700 Total Hours, 125 In Type, Instrument rated.		
	NAME OF AIRPORT - BRUCE CA DEPARTURE POINT MEMPHIS, TN		DUAC	E DF OPERATION			
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUN COLLIDED WITH TREES	CTION	IN	FLIGHT DESCENDING NDING FINAL APPROACH			
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION FACTOR(S)						
	TERRAIN - HIGH OBSTRUCT COMPLETE POWER LOSS - COMP EMERGENCY CIRCUMSTANCES -	LETE ENGINE FAILURE/FLA		NES			

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	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA		
-3896	10/20/77 GILLSBURG,MS TIME - 1852	CONVAIR 240 N55VM DAMAGE-DESTROYED	CR- 2 0 0 PX- 4 19 1	COMMERCIAL - AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 34, 6802 TOTAL HOURS, 68 IN TYPE, INSTRUMENT RATED.		
	DEPARTURE POINT GREENVILLE.SC TYPE OF ACCIDENT ENGINE FAILURE OR MAL COLLIDED WITH TREES	INTENDED DESTINATION BATON ROUGE,LA FUNCTION	IN FL	F OPERATION IGHT NORMAL CRUISE NG FINAL APPROACH	NATED.		
		DMPLETE ENGINE FAILURE/FLA - FORCED LANDING OFF AIRP ATION.					
-2116	3/23/77 LUTESVILLE,M TIME - 0830	D BEECH V-35 N5928S DAMAGE-SUBSTANTIAL		COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 55, 16000 TOTAL HOURS, 4000 IN TYPE, INSTRUMENT RATED.		
	DEPARTURE POINT SPRINGFIELD,MO TYPE OF ACCIDENT ENGINE FAILURE OR MAL NOSE OVER/DOWN						
	PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE CRANKSHAFT MISCELLANEOUS ACTS,CONDITIONS - LACK OF LUBRICATION-SPECIFIC PART,NOT SYSTEM MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE TERRAIN - ROUGH/UNEVEN FACTOR(S) MISCELLANEOUS - SMOKE IN COCKPIT COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- #2 MAIN BEARING FAILED.						
-2834	TIME - 1245	N62900 DAMAGE-SUBSTANTIAL		COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 34, 4800 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT RATED.		
2834	TIME - 1245 NAME OF AIRPORT - SPRIN DEPARTURE POINT SPRINGFIELD,MO	N62900 DAMAGE-SUBSTANTIAL	PX- 0 0 5	AIR TAXI-PASSG	34, 4800 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT		
2834	TIME - 1245 NAME OF AIRPORT - SPRIN DEPARTURE POINT	N62900 DAMAGE-SUBSTANTIAL GFIELD,MO INTENDED DESTINATION NORFOLK VA	PX- 0 0 5 Phase c		34, 4800 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT		

ILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
-2332	9/17/77 BRANSON,MO TIME - 1659	E – 1659 N8579F PX- 0 0 4 AIR TAXI-PASSG DAMAGE-SUBSTANTIAL	COMMERCIAL	COMMERCIAL, AGE 32, 3630 TOTAL HOURS, 732 IN TYPE NOT INSTRUMENT RATED.	
	NAME OF AIRPORT - WALMAR DEPARTURE POINT BRANSON,MO	T HELIPORT INTENDED DESTINATION LOCAL			
	TYPE OF ACCIDENT COLLIDED WITH DIRT BA	NK		OPERATION F VERTICAL	
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMP FACTOR(S) WEATHER - UNFAVORABLE	ROPER COMPENSATION FOR WIN	ND CONDITIONS		
	SKY CONDITION			AT ACCIDENT SITE	
	CLEAR VISIBILITY AT ACCIDENT S 5 OR OVER(UNLIMITED)	ITE	UNLIMI PRECIPIT NONE	ATION AT ACCIDENT SITE	
	OBSTRUCTIONS TO VISION A NONE	T ACCIDENT SITE	TEMPERAT 75		
	WIND DIRECTION-DEGREES 180 TYPE OF WEATHER CONDITIO	NS	10	OCITY-KNOTS FLIGHT PLAN	
	VFR REMARKS- SKID STRUCK SHO		NONE		
4140	11/1/77 ODESSA•MO	CESSNA 210L	CR- 1 0 0		COMMERCIAL, AGE 50, 2579
4142	TIME - 0530	N29161 DAMAGE-DESTROYED		AIR TAXI-PASSG	TOTAL HOURS, 795 IN TYPE INSTRUMENT RATED.
	DEPARTURE POINT HIGGINSVILLE.MO TYPE OF ACCIDENT COLLIDED WITH TREES	INTENDED DESTINATION BIRMINGHAM+AL	ODESSA PHASE OF	OUTE STOP ,MO OPERATION GHT NORMAL CRUISE	
	PROBABLE CAUSE(S)				
	PILOT IN COMMAND - INA PILOT IN COMMAND - CON FACTOR(S)				
		RSONNEL INCORRECT WEATHER	R FORECAST		
	WEATHER BRIEFING - BRIEF	ED BY FLIGHT SERVICE PERSO ER SLIGHTLY WORSE THAN FOR			
	SKY CONDITION OVERCAST			AT ACCIDENT SITE N/NOT REPORTED	
	VISIBILITY AT ACCIDENT S UNKNOWN/NOT REPORTED		NONE	ATION AT ACCIDENT SITE	
	OBSTRUCTIONS TO VISION A GROUND FOG TYPE OF WEATHER CONDITIO		TEMPERAT 57 Type of	URE-F FLIGHT PLAN	
	IFR		NONE		

FILE	DATE LOCATION	AIRCRAFT DATA	INJUR F	IES S M/N		PILOT DATA
	9/1/77 NR.MISSQULA.MT TIME - 1045 DEPARTURE POINT MCKINLEY LAKE DAM.MT TYPE OF ACCIDENT ENGINE FAILURE OR MALF DITCHING	N7937J DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 PX- 0	0 1 0 1 PHASE (IN FI		COMMERCIAL, AGE 49, 5040 TOTAL HOURS, 650 IN TYPE INSTRUMENT RATED.
	TERRAIN - OTHER	EOUS POWERPLANT FAILURE F - FORCED LANDING OFF AIRP ALT OVER LAKE.			ED REASONS	
3-1821	6/25/77 NR.ASH SPRINGS, TIME - 1230	NV BELL 47SG N979B DAMAGE-SUBSTANTIAL	PX- 0		COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 24, 4380 TOTAL HOURS 9 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT ASH SPRINCS.NV TYPE OF ACCIDENT HARD LANDING	INTENDED DESTINATION RETURN	F	HASE ()F OPERATION ING POWER-ON LANDING	KA IEU •
	PROBABLE CAUSE(S) PILOT IN COMMAND - INA PILOT IN COMMAND - FAI FACTOR(S) WEATHER - HIGH DENSITY					
	SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT S 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION A NONE WIND DIRECTION-DEGREES 220 TYPE OF WEATHER CONDITIO VFR REMARKS- DA APPROX 11300	T ACCIDENT SITE	۲ - -	UNLI PRECIP NONE JEMPER 78 VIND V 5	ATURE-F ELOCITY-KNOTS F FLIGHT PLAN	:

BRIEFS OF ACCIDENTS _____ FILE DATE LOCATION AIRCRAFT DATA INJURIES FLIGHT PILOT DATA F S M/N PURPOSE 3-3475 9/4/77 HIGHTSTOWN,NJ BELL 206L CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 32, 3090 TIME - 0110 N49575 PX- 0 0 2 AIR TAXI-PASSG TOTAL HOURS, ALL IN TYPE, DAMAGE-SUBSTANTIAL NOT INSTRUMENT RATED. DEPARTURE POINT INTENDED DESTINATION NEPTUNE,NJ ROBBINSVILLE.NJ TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE HARD LANDING LANDING POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION PILOT IN COMMAND ~ FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S) TERRAIN - HIGH VEGETATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- TOTAL DRAINED AND COLLECTED FUEL - 20 OZ. PLT AUTOROTATED TO LARGE OPEN FIELD. 3-0316 1/28/77 SILVER CITY,NM CESSNA 402A CR- 0 0 1 COMMERCIAL AIRLINE TRANSPORT, AGE TIME - 0653 N78100 PX- 0 0 0 AIR TAXI-PASSG 31, 4425 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT DAMAGE-SUBSTANTIAL RATED. NAME OF AIRPORT - GRANT COUNTY DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP LAS CRUCES, NM ALBUQUERQUE, NM SILVER CITY,NM TYPE OF ACCIDENT PHASE OF OPERATION FIRE OR EXPLOSION ON GROUND TAXI FROM LANDING PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM OTHER MISCELLANEOUS ACTS, CONDITIONS - LEAK/LEAKAGE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - FIRE IN WING REMARKS- FUEL LEAK IN LEFT WING FROM UNDETERMINED SOURCE.

FILE									
	DATE	LOCATION	AIRCRAFT DATA	_	F	S M/	N	PURPOSE	ΡΙΙΟΤ ΌΔΤΑ
		NR.FARMINGTON, NM		CR- PX-				COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 32, 5300 TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.
	DEPARTUR VERNAL	,UT	INTENDED DESTINATION FARMINGTON,NM						KATED.
	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES					ΙN	FL	F OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN	
	PILOT PILOT MISCEL FACTOR(S TERRAI COMPLETE	IN COMMAND - MISMANA LANEOUS ACTS,CONDITI) N - HIGH OBSTRUCTION POWER LOSS - COMPLE	ONS - FUEL EXHAUSTION	MEQUT-	-1 E	NGIN		NN ING	· · · · · · · · · · · · · · · · · · ·
3-3233	8/11/77 TIME - U	NR.ENGLE.NM NK/NR	CESSNA U206 N8062Z DAMAGE-DESTROYED					COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 49, 3929 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
	TYPE OF		INTENDED DESTINATION LAS CRUCES,NM R CONTROLLED					F OPERATION IGHT NORMAL CRUISE	MENT NATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS FACTOR(S) WEATHER - THUNDERSTORM ACTIVITY MISCELLANEOUS ACTS,CONDITIONS - FLEW INTO BLIND CANYON WEATHER BRIEFING - PARTIAL BRIEFING BY FLIGHT SERVICE PERSONNEL, BY PHONE/RADIO, LIMI WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED								D BY PILOT ACTION
	VISIBILI UNKNOW OBSTRUCT UNKNOW TYPE OF NONE	N/NOT REPORTED TY AT ACCIDENT SITE N/NOT REPORTED IONS TO VISION AT AC N/NOT REPORTED FLIGHT PLAN			P T	UNK RECI THU YPE UNK	NO PI ND OF	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SITE ERSTORM, RAIN SHOWERS WEATHER CONDITIONS WN/NOT REPORTED	
	REMARKS-	- FSS ADZD TSTM ACTVI	Y ENRT.SVR TSTMS REPO	RTED	EN A		RE		
				PAGE	11	8			

FILE	DATE LOCATION		INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA		
-3534	8/25/77 CLOVIS,NM TIME - 1630 NAME OF AIRPORT - CLOVI DEPARTURE POINT	CESSNA 402 N9900F DAMAGE-SUBSTANTIAL		COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 1850 TOTAL HOURS, 220 IN TYPE INSTRUMENT RATED.		
	LUBBOCK. TX	CLOVIS+NM					
	TYPE OF ACCIDENT GEAR RETRACTED			FROM LANDING			
	MISCELLANEOUS ACTS,CO PERSONNEL - MAINTENAN	AR MAIN GEAR-SHOCK ABSORB NDITIONS - MATERIAL FAILUR CE.SERVICING,INSPECTION II LETTER ME-76-2 NOT COMPLI	E NADEQUATE INSPEC		INTENANCE PERSONNEL)		
-3895	10/22/77 NR.CORONA,NM TIME - 0145	PIPER PA-23 N1906T DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL . AIR TAXI-CARGO	COMMERCIAL, AGE 24, 1800 TOTAL HOURS, 300 IN TYPE INSTRUMENT RATED.		
	DEPARTURE POINT ROSWELL.NM	INTENDED DESTINATION ALBUQUERQUE,NM					
	TYPE OF ACCIDENT COLLISION WITH GROUND			OPERATION IGHT NORMAL CRUISE			
	PROBABLE CAUSE(S) PILOT IN COMMAND - BECAME LOST/DISORIENTED PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT REMARKS- DARK NIGHT,VFR CONDITIONS.10MILES S OF COURSE,HIT MTN PEAK.NORMALLY FLEW AIRWAYS.						
	TERRAIN - HIGH OBSTRU FIRE AFTER IMPACT		OURSE,HIT MTN PE	EAK.NORMALLY FLEW AIR	WAYS.		
-0110	TERRAIN - HIGH OBSTRU FIRE AFTER IMPACT		CR- 0 0 1 PX- 0 0 6		ATP,FLIGHT INSTR., AGE 34, 5900 TOTAL HOURS, 1900 IN TYPE, INSTRUMENT		
9-0110	TERRAIN - HIGH OBSTRU FIRE AFTER IMPACT REMARKS- DARK NIGHT.VFR 2/10/77 ITHACA.NY	CONDITIONS.10MILES S OF C PIPER PA-31 N7510L DAMAGE-SUBSTANTIAL INS CO INTENDED DESTINATION RETURN	CR- 0 0 1 PX- 0 0 6 LAST ENR BOSTOM PHASE OF LANDIN	COMMERCIAL AIR TAXI-PASSG COUTE STOP	ATP,FLIGHT INSTR., AGE 34, 5900 TOTAL HOURS,		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M		FL IGHT PUR POSE	PILOT DATA
-0215	2/10/77 BR(TIME - 0740	OCKPORT,NY	PIPER PA-23 N40219 DAMAGE-SUBSTANTIAL			COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 29, 4500 TOTAL HOURS, 600 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POI BROCKPORT,N	(IRPARK NTENDED DESTINATION TETERBORG,NJ				
	TYPE OF ACCID COLLIDED WI	TH SNOWBANK				F OPERATION FF RUN	
	PROBABLE CAUS PILOT IN CO FACTOR(S)	E(S) MMAND - MISJUDGE	DCLEARANCE				
			5 - AIRPORT CONDITION: - AIRPORT CONDITION:				
-2138	TIME - 1830	V YORK NY	CESSNA 185 N3351L DAMAGE-SUBSTANTIAL			COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 25, 1000 TOTAL HOURS, 650 IN TYPE INSTRUMENT RATED.
	DEPARTURE POIL FIRE ISLAND		NTENDED DESTINATION NEW YORK,NY				
	TYPE OF ACCID	ENT	NEW TORREN			= OPERATION FROM LANDING	
	FACTOR(S) TERRAIN - R	MMAND - IMPROPER	COMPENSATION FOR WI	ND CONDITION	S		
3-3724	7/20/77 CH TIME - 2152	EEKTOWAGA,NY	PIPER PA-31 N406CA DAMAGE-DESTROYED		0	COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 29, 8300 TOTAL HOURS, 7735 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPO DEPARTURE POI BUFFALO,NY	RT - BUFFALO INI NT	L NTENDED DESTINATION ROCHESTER.NY				
	TYPE OF ACCID COLLISION W	ENT ITH GROUND/WATER	UNCONTROLLED			F OPERATION NG FINAL APPROACH	
		MMAND - IMPROPER MMAND - PHYSICAL	OPERATION OF FLIGHT IMPAIRMENT	CONTROLS			
			AGE OF LEFT BASIL GA	NGLIA.			
				PAGE 120			
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	PURPOSE	PILOT DATA
	7/22/77		CESSNA 185F N4690C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1		COMMERCIAL, AGE 22, 1500 TOTAL HOURS, 1330 IN TYPE, INSTRUMENT RATED.
	DEPARTURE NEW YOR TYPE OF A COLLIDE		BASE INTENDED DESTINATION SALTAIRE,NY	PHASE OI TAXI	F OPERATION FROM LANDING FROM LANDING	
	PROBABLE PILOT I FACTOR(S) TERRAIN	CAUSE(S) N COMMAND - FAILE - HIDDEN OBSTRUC	D TO SEE AND AVOID ORJEC TIONS AT STRUCK AN UNDERWATER	CTS OR OBSTRUCT	IONS	WITH WATER ACFT SANK.
3-3184	10/13/77 TIME - 11	MEREDITH,NY 00	BEECH C24R N2250L DAMAGE-SUBSTANTIAL		COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 30, 2700 TOTAL HOURS 60 IN TYPE, INSTRUMENT RATED.
	FLUSHIN TYPE OF A ENGINE	POINT G,NY CCIDENT FAILURE OR MALFUN D WITH TREES	MEREDITH,NY	IN FL	F OPERATION IGHT NORMAL CRUISE NG FINAL APPROACH	
	PILOT I MISCELL FACTOR(S) TERRAIN COMPLETE	N COMMAND - INADE N COMMAND - MISMA ANEOUS ACTS,CONDI - HIGH OBSTRUCTI POWER LOSS - COMP	TIONS - FUEL EXHAUSTION	MEDUT-1 ENGINE	NNING	
	· •					·
3-3930	12/15/77 TIME - 00	HUDSON,NY 15	CESSNA 310 N1731G DAMAGE-SUBSTANTIAL	PX- 0 0 2 PX- 0 0 1	AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 28, 5363 TOTAL HOURS, 2055 IN TYPE, INSTRUMENT RATED.
	DEPARTURE JAMAICA TYPE OF A	• NY	COUNTY INTENDED DESTINATION ALBANY.NY	HUDSON PHASE O	ROUTE STOP N,NY F OPERATION . NG ROLL	
	PROBABLE PILOT I FACTOR(S)	N COMMAND - IMPRO	PER OPERATION OF BRAKES	AND/OR FLIGHT	CONTROLS	

				S OF ACCIDENTS		
FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
		NR.BUFFALO,NY	CESSNA 404 N404SA DAMAGE-DESTROYED	CR- 1 0 0		AIRLINE TRANSPORT, AGE 31, 4700 TOTAL HOURS, 51 IN TYPE, INSTRUMENT RATED.
	DEPARTURE OSHAWA,(TYPE OF A(UNDETERM	CANADA CCIDENT	INTENDED DESTINATION BUFFALO,NY		F OPERATION WN/NOT REPORTED	
		ANEOUS - UNDETERM	INED IS SIGHTED IN HEAVY SEA	S ON LAKE ONTAR	IO,NOT RECOVERED. INJU	IRY INDEX PRESUMED.
-1753	3/8/77 TIME - 221	CHARLOTTE,NC 15	PIPER PA-34 N41941 DAMAGE-SUBSTANTIAL		COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 29, 2390 TOTAL HOURS 535 IN TYPE, INSTRUMENT RATED.
	DEPARTURE CHARLOT TYPE OF AC			PHASE O TAKEC	F OPERATION FF RUN	
		EL - TRAFFIC CONTR	ROL PERSONNEL OTHER CROSS RWY WHILE N41941	ROLLING.CONTROL	LERS VIEW OBSTRUCTED F	3Y DC-10.
-1751	TIME - 225	GREENSBORD+NC 50	N3574Y DAMAGE-SUBSTANTIAL		COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE UNK/NR, 665 TOTAL HOURS, 131 IN TYPE, INSTRUMENT RATED.
	DEPARTURE GALION+C TYPE OF AC OVERSHOD	DH CCIDENT DT ER/DOWN	JR INTENDED DESTINATION GREENSBORO≁NC	LANDI	F OPERATION NG LEVEL OFF/TOUCHDOW NG ROLL	IN
	PROBABLE PILOT IN PILOT IN FACTOR(S) MISCELL MISCELL	CAUSE(S) N COMMAND - MISJUI N COMMAND - FAILE ANEOUS ACTS+CONDI	DGED DISTANCE AND SPEED D TO INITIATE GO-AROUND TIONS - PILOT FATIGUE TIONS - RAN DEF END OF 24.			
				PAGE 122		

			BRIEFS	S OF AC	CID	ENTS		· · ·
FILE		LOCATION	AIRCRAFT DATA	F	S	M/N	PURPOSE	PILOT DATA
		RALEIGH.NC		CR-	0	0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 24, 611 Total Hours, 30 in Type, Instrument rated.
	DEPARTURE SOUTHER TYPE OF A ENGINE	N PINES, NC	INTENDED DESTINATION RALEIGH.NC			LAND	DF OPERATION NG FINAL APPROACH NG FINAL APPROACH	
	PILOT I MISCELL MISCELL FACTOR(S) TERRAIN COMPLETE EMERGENCY	N COMMAND - FAILED N COMMAND - MISMAN ANEOUS ACTS,CONDIT ANEOUS ACTS,CONDIT - HIGH OBSTRUCTIO POWĘR LOSS - COMPL CIRCUMSTANCES - F	IONS - FUEL STARVATION IONS - IMPROPER EMERGEN	NCY PRO MEOUT-1 DRT ON	EN	IURES IGINE ID		
-4032	_TIME - 19	00	DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0 1 0 1	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 24, 1756 Total Hours, 255 In Type, Instrument Rated.
	DEPARTURE LEXINGT TYPE OF A ENGINE	IRPORT - RAEFORD M POINT ON,KY CCIDENT FAILURE OR MALFUNC ON WITH GROUND/WAT	IDOWN					
	PILOT I MISCELL MISCELL COMPLETE EMERGENCY	N COMMAND - INADEC N COMMAND - MISMAN ANEOUS ACTS,CONDIT ANEOUS ACTS,CONDIT POWER LOSS - COMPL CIRCUMSTANCES - F	DUATE PREFLIGHT PREPARA IAGEMENT OF FUEL IONS - FUEL SIPHONING IONS - FUEL EXHAUSTION ETE ENGINE FAILURE/FLAI ORCED LANDING OFF AIRPU K FILLER CAP MISSING	MEOUT-1	. EN	IGINE	ANN ING	

		BRIEF	S OF ACCIDENTS		
ILE	DATE LOCATIO		INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
	1/20/77 YDUNGSTOWN↓ TIME - 0247				COMMERCIAL, FL.INSTR., AGE 42, 11110 TOTAL HOURS, 3050 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - YOUN DEPARTURE POINT YOUNGSTOWN,OH TYPE OF ACCIDENT GROUND-WATER LOOP-SW	INTENDED DESTINATION PONTIAC,MI		F OPERATION FF RUN	
	PILOT IN COMMAND - I PILOT IN COMMAND - E FACTOR(S)	MPROPER OPERATION OF BRAKES MPROPER COMPENSATION FOR WI XERCISED POOR JUDGMENT	ND CONDITIONS		
		ILITIES - AIRPORT CONDITION ITED USE OF LEGS AS A RESUL			E TYPE AIRCRAFT.
-0089	1/24/77 HAMILTON,OH TIME - 0715	PIPER PA-32 N3528w Damage-Substantial		COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 32, 4202 TOTAL HOURS, 402 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - HAMI DEPARTURE POINT HAMILTON,OH TYPE OF ACCIDENT COLLIDED WITH SNOWB	INTENDED DESTINATION CINCINNATI,OH		F OPERATION JFF RUN	
	PERSONNEL - AIRPORT PILOT IN COMMAND - M	ANKS BLOCKED VIEW OF RWY LI	OPER/INADEQUATE		
			PAGE 124		

BRIEFS OF ACCIDENTS

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FILE				PILOT DATA						
		PIPER PA-31	CR- 0 0 1 COMMERCIAL	ATP,FLIGHT INSTR., AGE SSG 42, 6009 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.						
	NAME OF AIRPORT - OHIO STATE U. DEPARTURE POINT INTENDED DESTINATION									
	BINGHAMTON,NY									
	TYPE OF ACCIDENT		PHASE OF OPERATION							
	ENGINE FAILURE OR MALEUNC	TION	IN FLIGHT DESCEN							
	COLLISION WITH GROUND/WAT	ER CONTROLLED	IN FLIGHT DESCEN	DING						
	PILOT IN COMMAND - MISMAN MISCELLANEOUS ACTS.CONDIT MISCELLANEOUS ACTS.CONDIT FACTOR(S) PILOT IN COMMAND - IMPROP MISCELLANEOUS ACTS.CONDIT COMPLETE POWER LOSS - COMPL EMERGENCY CIRCUMSTANCES - F FIRE AFTER IMPACT	IONS - INATTENTIVE TO I IONS - FUEL EXHAUSTION ER IN-FLIGHT DECISIONS IONS - FAILURE OF TWO ETE ENGINE FAILURE/FLAM	OR PLANNING JR MORE ENGINES MEDUT-2 ENGINES							
3-4245	MISCELLANEOUS ACTS,CONDIT MISCELLANEOUS ACTS,CONDIT FACTOR(S) PILOT IN COMMAND - IMPROP MISCELLANEOUS ACTS,CONDIT COMPLETE POWER LOSS - COMPL EMERGENCY CIRCUMSTANCES - F	IONS - INATTENTIVE TO IONS - FUEL EXHAUSTION ER IN-FLIGHT DECISIONS IONS - FAILURE OF TWO ETE ENGINE FAILURE/FLAI ORCED LANDING OFF AIRPO	OR PLANNING DR MORE ENGINES MEDUT-2 ENGINES DRT ON LAND	UNK/NR IN TYPE, INSTRU-						
3 - 4245	MISCELLANEOUS ACTS, CONDIT MISCELLANEOUS ACTS, CONDIT FACTOR(S) PILOT IN COMMAND - IMPROP MISCELLANEOUS ACTS, CONDIT COMPLETE POWER LOSS - COMPL EMERGENCY CIRCUMSTANCES - F FIRE AFTER IMPACT 7/1/77 PUT-IN-BAY, OH TIME - 1346	IONS - INATTENTIVE TO IONS - FUEL EXHAUSTION ER IN-FLIGHT DECISIONS IONS - FAILURE OF TWO ETE ENGINE FAILURE/FLAI ORCED LANDING OFF AIRPO FORD 4-AT-B N7584 DAMAGE-SUBSTANTIAL	OR PLANNING DR MORE ENGINES MEDUT-2 ENGINES DRT ON LAND							
3-4245	MISCELLANEOUS ACTS, CONDIT MISCELLANEOUS ACTS, CONDIT FACTOR(S) PILOT IN COMMAND - IMPROP MISCELLANEOUS ACTS, CONDIT COMPLETE POWER LOSS - COMPL EMERGENCY CIRCUMSTANCES - F FIRE AFTER IMPACT 7/1/77 PUT-IN-BAY, OH TIME - 1346 NAME OF AIRPORT - PUT-IN-BA	IONS - INATTENTIVE TO IONS - FUEL EXHAUSTION ER IN-FLIGHT DECISIONS IONS - FAILURE OF TWO ETE ENGINE FAILURE/FLAN ORCED LANDING OFF AIRPO FORD 4-AT-B N7584 DAMAGE-SUBSTANTIAL	OR PLANNING DR MORE ENGINES MEDUT-2 ENGINES DRT ON LAND	UNK/NR IN TYPE, INSTRU-						
3-4245	MISCELLANEOUS ACTS, CONDIT MISCELLANEOUS ACTS, CONDIT FACTOR(S) PILOT IN COMMAND - IMPROP MISCELLANEOUS ACTS, CONDIT COMPLETE POWER LOSS - COMPL EMERGENCY CIRCUMSTANCES - F FIRE AFTER IMPACT 7/1/77 PUT-IN-BAY, OH TIME - 1346	IONS - INATTENTIVE TO IONS - FUEL EXHAUSTION ER IN-FLIGHT DECISIONS IONS - FAILURE OF TWO ETE ENGINE FAILURE/FLAN ORCED LANDING OFF AIRPO FORD 4-AT-B N7584 DAMAGE-SUBSTANTIAL Y INTENDED DESTINATION	OR PLANNING DR MORE ENGINES MEDUT-2 ENGINES DRT ON LAND	UNK/NR IN TYPE, INSTRU-						

REMARKS- UNDER INVESTIGATION.

PAGE 125

FILE .	DATE	LOCATION	AIRCRAFT DATA	INJ F	URI	≣S M∕N	FLIGHT PURPOSE	PILOT DATA
	11/1/77 TIME - 045 NAME OF AI DEPARTURE CLEVELAN TYPE OF AC AIRFRAME	CLEVELAND,0H 0 RPORT - CLEVELAND POINT D,0H	BEECH G-18S N120ZZ DAMAGE-SUBSTANTIAL HOPKINS INTENDED DESTINATION DETROIT.MI	CR-	рн	ASE C	COMMERCIAL AIR TAXI-CARGO DF OPERATION DFF RUN IFF RUN	COMMERCIAL, AGE 32, 2440 TOTAL HOURS, 565 IN TYPE, NOT INSTRUMENT RATED.
	MISCELLA MISCELLA PERSONNE PILOT IN FACTOR(S) AIRPORTS	- LANDING GEAR NEOUS ACTS,CONDIT NEOUS ACTS,CONDIT L - MAINTENANCE,SI COMMAND - FAILED	TAILWHEEL ASSEMBLIES IONS - MATERIAL FAILURE IONS - PREVIOUS DAMAGE ERVICING,INSPECTION IN TO USE OR INCORRECTLY ES - AIRPORT CONDITIONS	ADEQUA USED M	ISC	EQU		
	VISIBILITY 5 OR OVE OBSTRUCTIO NONE	ION NOT REPORTED AT ACCIDENT SITE R(UNLIMITED) NS TO VISION AT A TION-DEGREES			PR RE WI	7000 ECIP RAIN LATI LEFT	AT ACCIDENT SITE TATION AT ACCIDENT SITU VE BEARING OF WIND CROSS WIND 248-292 DEG LOCITY-KNOTS	
	TYPE OF WE VFR	ATHER CONDITIONS EFT SEAT SLID BAC	K.PIC WAS UNABLE TO REA	CH BRA	ΤY	PE OF	FLIGHT PLAN .S.WIND GUSTS TO 20K.	
	•							
-0797	5/6/77 N TIME - 194	R•DURANT+OK 5	BEECH 95-55 N414R DAMAGE-SUBSTANTIAL				COMMERCIAL AIR TAXI-CARGO	ATP,FLIGHT INSTR., AGE 24, 2116 TOTAL HOURS, 33 IN TYPE, INSTRUMENT RATED.
9-0797	TIME - 194 DEPARTURE TULSA,OK TYPE OF AC	5 POINT	N414R DAMAGE-SUBSTANTIAL INTENDED DESTINATION DALLAS,TX		0 РН	0 0 ASE (24, 2116 TOTAL HOURS, 33
-0797	TIME - 194 DEPARTURE TULSAJOK TYPE OF AC COLLIDED PROBABLE C PILOT IN FACTOR(S) PILOT IN MISCELLA	5 POINT VITH WIRES/POLE AUSE(S) COMMAND - FAILED COMMAND - EXERCI NEOUS ACTS.CONDIT	N414R DAMAGE-SUBSTANTIAL INTENDED DESTINATION DALLAS,TX	'PX- TS OR FLYING	O PH OBS	O O ASE I IN FI TRUC	AIR TAXI-CARGO DF OPERATION LIGHT BUZZING	24, 2116 TOTAL HOURS, 33 IN TYPE, INSTRUMENT
-0797	TIME - 194 DEPARTURE TULSAJOK TYPE OF AC COLLIDED PROBABLE C PILOT IN FACTOR(S) PILOT IN MISCELLA	5 POINT VITH WIRES/POLE AUSE(S) COMMAND - FAILED COMMAND - EXERCI NEOUS ACTS.CONDIT	N414R DAMAGE-SUBSTANTIAL INTENDED DESTINATION DALLAS,TX S TO SEE AND AVOID OBJEC SED POOR JUDGMENT IONS - UNWARRANTED LOW	'PX- TS OR FLYING REST	O PH OBS	O O ASE I IN FI TRUC	AIR TAXI-CARGO DF OPERATION LIGHT BUZZING	24, 2116 TOTAL HOURS, 33 IN TYPE, INSTRUMENT
-0797	TIME - 194 DEPARTURE TULSAJOK TYPE OF AC COLLIDED PROBABLE C PILOT IN FACTOR(S) PILOT IN MISCELLA	5 POINT CIDENT WITH WIRES/POLE AUSE(S) COMMAND - FAILED COMMAND - EXERCI NEOUS ACTS,CONDIT NEOUS ACTS,CONDIT	N414R DAMAGE-SUBSTANTIAL INTENDED DESTINATION DALLAS,TX S TO SEE AND AVOID OBJEC SED POOR JUDGMENT IONS - UNWARRANTED LOW	'PX- TS OR FLYING	O PH OBS	O O ASE I IN FI TRUC	AIR TAXI-CARGO DF OPERATION LIGHT BUZZING	24, 2116 TOTAL HOURS, 33 IN TYPE, INSTRUMENT

FILE			AIRCRAFT DATA	F	S M/N	۹.	PURPOSE	PILOT DATA
	2/2/77 MORO+OR TIME - 2023		PIPER PA-23 N484G DAMAGE-DESTROYED	CR- 1	0 0) C(COMMERCIAL, FL.INSTR., AGE 39, 4500 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT ONTARIO,OR TYPE OF ACCIDENT COLLISION WITH G		TENDED DESTINATION VANCOUVER+WA UNCONTROLLED	P	DAL L HASE	ESPO OF 0	JTE STOP DRT+WA DPERATION HT_NORMAL CRUISE	KA TEU.
	MISSING AIRCRAFT -	TS,CONDITION	S - PILOT FATIGUE ERED	I IN LEVE	L POV	€RE() FLIGHT.MISSED TUR	RN IN PROPOSED ROUTE.
3-2072	8/3/77 KLAMATH TIME - 1820	I FALLS₊OR	CESSNA 210L N92PF DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1 0 0	L C() A]	DMMERCIAL IR·TAXI-CARGO	AIRLINE TRANSPORT, AGE 26, 2698 TOTAL HOURS, 155 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - DEPARTURE POINT LAKEVIEW,OR TYPE OF ACCIDENT COLLISION WITH G	IN	TENDED DESTINATION KLAMATH FALLS+OR				DPERATION FINAL APPROACH	
	MISCELLANEOUS -	VORTEX TURBU	IN-FLIGHT DECISIONS LENCE LD T/D.ENCOUNTERED W			P3 (DN TOUCH & GO.	
3-2147	2/8/77 PHILADE TIME - 1130	LPHIA, PA	BELL 206B N83005 DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0 1 0 2	L C(2 A)	DMMERCIAL IR TAXI-PASSG	COMMERCIAL, AGE 30, 2617 Total Hours, 148 In Type Instrument Rated.
	NAME OF AIRPORT - DEPARTURE POINT PHILADELPHIA.PA TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED	IN		Ρ	LAN	DING	DPERATION POWER-ON LANDING POWER-ON LANDING	
	PROBABLE CAUSE(S) PILOT IN COMMAND FACTOR(S)	- IMPROPER	OPERATION OF FLIGHT	CONTROLS				

FILE	DATE	LOCATION	AIRCRAFT DATA		JURII F S		FLIGHT PURPOSE	PILOT DATA
3-4157	9/29/77 TIME - 0758	MERCER + PA	CESSNA 402B N69338 DAMAGE-DESTROYED				COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 25, 4789 TOTAL HOURS 454 IN TYPE, INSTRUMENT RATED.
	DEPARTURE P BUFF4LO,N TYPE OF ACC	Y IDENT	INTENDED DESTINATION BEAVER FALLS,PA				F OPERATION	
	FIRE OR E	XPLOSION IN FLIC	GHT .			IN FL	IGHT NORMAL CRUISE	
	POWERPLAN MISCELLAN POWERPLAN MISCELLAN MISCELLAN	- MAINTENANCE.SR T - EXHAUST SYSTE EOUS ACT.S.CONDIT T - FUEL SYSTEM EOUS ACT.S.CONDIT EOUS ACT.S.CONDIT	CONS - FATIGUE FRACTURE LINES AND FITTINGS CONS - LEAK/LEAKAGE CONS - EXCESSIVE TEMPEF	Ē		NSPE	CTION OF AIRCRAFT (MA	INTENANCE PERSONNEL)
	FACTOR(S) TERRAIN -	HIGH OBSTRUCTIO	IONS — FIRE IN WING IS 1085072—39 3IN CRACK PE	ERMITD	EXH	GAS	INTO WING ONTO LEAKIN	G FUEL VALVE.
3-3482	TIME - 1735		BEECHCRAFT B58 N830CC DAMAGE-SUBSTANTIAL				COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 29, 1483 TOTAL HOURS 87 IN TYPE, INSTRUMENT. RATED.
			INTENDED DESTINATION JOHNSTOWN,PA		рн)F OPERATION	
		WITH TREES					IFF INITIAL CLIMB	
	PILOT IN PILOT IN	COMMAND - INADEQU COMMAND - FAILED COMMAND - FAILED	JATE PREFLIGHT PREPARA TO ABORT TAKEOFF TO OBTAIN/MAINTAIN FL WARD ENTRANCE DOOR POI	YING S	PEED	R PLA	NNING	
								•
	TIME - 1240		CESSNA 172 N79041 DAMAGE-SUBSTANTIAL				COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 33, 2650 TOTAL HOURS, 560 IN TYPE NOT INSTRUMENT RATED.
	NAME OF AIR DEPARTURE P BLOCK ISL TYPE OF ACC	AND RI	INTENDED DESTINATION PROVIDENCE,RI		РН		F OPERATION	
		WITH AUTOMOBILE					OTHER	
		COMMAND - STARTE	D ENGINE WITHOUT PROPE NATTENDED AIRCRAFT∙ENG					NRKED AUTOMOBILES.
				PAGE	128			

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AIRCRAFT DATA FILE DATE LOCATION INJURIES FLIGHT PILOT DATA F S M/N PURPOSE 3-0876 1/10/77 CHARLESTON, SC CESSNA 205 CR- 0 0 1 COMMERCIAL COMMERCIAL, AGE 38, 1064 PX- 0 0 1 AIR TAXI-PASSG TOTAL HOURS, 12 IN TYPE, TIME - 1045 N4831U DAMAGE-SUBSTANTIAL NOT INSTRUMENT RATED. NAME OF AIRPORT - CHARLESTON MUNI DEPARTURE POINT INTENDED DESTINATION HILTON HEAD, SC. CHARLESTON, SC TYPE OF ACCIDENT PHASE OF OPERATION LANDING ROLL GROUND-WATER LOOP-SWERVE NOSE OVER/DOWN LANDING ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING WEATHER - UNFAVORABLE WIND CONDITIONS CEILING AT ACCIDENT SITE SKY CONDITION UNKNOWN/NOT REPORTED UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER (UNLIMITED) NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND LEFT QUARTERING HEAD WIND 293-337 DEGREES NONE TEMPERATURE-F WIND DIRECTION-DEGREES 55 270 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 15 VFR TYPE OF FLIGHT PLAN NONE REMARKS- WND GUSTING 22K PEAK GUSTS 38K 3-2590 7/25/77 CHARLESTON, SC. LAKE LA-4 CR- 0 0 1 COMMERCIAL COMMERCIAL, FL.INSTR., TIME - 1630 N6058V PX- 0 0 2 AIR TAXI-PASSG AGE 23, 1604 TOTAL HOURS, DAMAGE-SUBSTANTIAL 68 IN TYPE, INSTRUMENT RATED. INTENDED DESTINATION DEPARTURE POINT CHARLESTON, SC UNKNOWN/NOT REPORTED PHASE OF OPERATION TYPE OF ACCIDENT COLLIDED WITH OBJECT TAXI TO TAKEOFF PROBABLE CAUSE(S) MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION PERSONNEL - MISCELLANEOUS-PERSONNEL OTHER FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- AIRCRAFT HIT CONCRETE WALL WHILE ATTEMPTING TO AVOID APPROACHING BOAT.

BRIEFS OF ACCIDENTS

FILE	DATE LOCATI		INJURIES F S M,		PILOT DATA			
	5/2/77 KNOXVILLE, TIME - 1503 NAME OF AIRPORT - DOW DEPARTURE POINT KNOXVILLE,TN TYPE OF ACCIDENT COLLIDED WITH DIRT	TN BEECH 58P N6039S DAMAGE-SUBSTANTIAL NTOWN INTENDED DESTINATION WASHINGTON,DC	PX- 0 0 - PHASI	O COMMERCIAL 1 AIR TAXI-PASSG E OF OPERATION GOFF ABORTED	COMMERCIAL, AGE 33, 396 TOTAL HOURS, 220 IN TYP INSTRUMENT RATED.			
	MISCELLANEOUS ACTS AIRPORTS/AIRWAYS/FA FACTOR(S)	DELAYED ACTION IN ABORTING T CONDITIONS - HYDROPLANING ON CILITIES - AIRPORT CONDITION CONDITIONS - RAN OFF END DF	N WET RUNWAY NS WET RUNWA'	(
3-0812	1/27/77 DALLAS,TX TIME - 2125	PIPER PA-31 N6498L DAMAGE-MINOR		1 COMMERCIAL O AIR TAXI-CARGO 1	AIRLINE TRANSPORT, AGE 42, 10025 TOTAL HOURS, 410 IN TYPE, INSTRUMENT RATED.			
	NAME OF AIRPORT - LOV DEPARTURE POINT DALLAS,TX TYPE OF ACCIDENT	E FIELD INTENDED DESTINATION ST LOUIS MO	PHAS	E OF OPERATION				
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT WEATHER - LOW CEILING WEATHER - FOG MISCELLANEOUS ACTS,CONDITIONS - WINDSHIELD,DIRTY,FOGGY,ETCRESTRICTED VISION WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT							
	SKY CONDITION OVERCAST VISIBILITY AT ACCIDEN 4 MILES OR LESS OBSTRUCTIONS TO VISIO FOG WIND DIRECTION-DEGREE 360	N AT ACCIDENT SITE	301 PREC NOT TEMP 46	IPITATION AT ACCIDENT SI NE ERATURE-F	те			
	TYPE OF WEATHER CONDI IFR REMARKS- MOISTURE ON	•	TYPE IF	OF FLIGHT PLAN R				
			PAGE 130					

FILE	DATE	LOCATION	AIRCRAFT DATA	- 1	FSM	1/N	PURPOSE	PILOT DATA
3-0304	3/2/77 TIME - 140	PAMPA+TX 00	CESSNA U206F N33214 DAMAGE-SUBSTANTIAL	CR- PX-	0 0	1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 24, 284 TOTAL HOURS 22 IN TYPE, INSTRUMENT RATED.
		RPORT - PERRY LEP						
	DEPARTURE ALAMOGOR		INTENDED DESTINATION HENDERSON, KY				ROUTE STOP •TX	
	TYPE OF AC NOSE OVE						F OPERATION FROM LANDING	
	PROBABLE C		PER COMPENSATION FOR WIN		אחדדר	s		
	FACTOR(S)			0.00		· ·		
		- UNFAVORABLE WIN						
			BY FLIGHT SERVICE PERSO T SUBSTANTIALLY CORRECT)NNEL,	ву ка	010		
	SKY CONDIT	ION			CEIL	ING	AT ACCIDENT SITE	
	SCATTERE		_			_	ITED	
		' AT ACCIDENT SITE ER(UNLIMITED)	Ε			NE	TATION AT ACCIDENT SITE	
		NS TO VISION AT	ACCIDENT SITE		RELA	TIV	E BEARING OF WIND	
	NONE TEMPERATUR	FF					WIND 338-022 DEGREES RECTION-DEGREES	
	50	E-F			wind 23		RECTION-DEGREES	
	WIND VELOC	ITY-KNOTS					WEATHER CONDITIONS	
	30				VF	R		
	TYPE OF FL NONE	IGHT PLAN						
2-0204	3 / 3 / 7 7	ADD I SON • TX		ĆP	0 0	2		. COMMERCIAL, AGE UNK/NR
5-0508	TIME - 190		NB1FA DAMAGE-SUBSTANTIAL	PX-	0 0	0	AIR TAXI-CARGO	2110 TOTAL HOURS, 107 I TYPE, INSTRUMENT RATED
		RPORT - ADDISON						
	DEPARTURE		INTENDED DESTINATION ADDISON,TX					
	TYPE OF AC		ADDISUN, IX		PHAS	EO	F OPERATION	
	WHEELS-U						NG LEVEL OFF/TOUCHDOWN	I

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BRIEFS OF ACCIDENTS

	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA			
-0621	4/17/77 SOUR LAKE,TX TIME - 1645	BELL 206B N7837S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL A78 TAXI-PASSG	COMMERCIAL, AGE 38, 5826 • TOTAL HOURS, 1052 IN TYPE, NOT INSTRUMENT RATED.			
	DEPARTURE POINT GALVESTON,TX TYPE OF ACCIDENT COLLIDED WITH WIRES/P	INTENDED DESTINATION SOUR LAKE,TX DLES		OF OPERATION ING POWER-ON LANDING	KATED.			
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAI FACTOR(S) TERRAIN - HIGH OBSTRUC	LED TO SEE AND AVOID OBJE	CTS OR OBSTRUC	TIONS				
-3086	9/9/77 ARLINGTON,TX TIME - 1815	BEECH B55 N92480 DAMAGE-SUBSTANTIAL	PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 27, 3034 TOTAL MOURS, 1877 IN TYPE, INSTRUMENT RATED.			
	NAME OF AIRPORT - ARLING DEPARTURE POINT TEMPLE,TX TYPE OF ACCIDENT WHEELS-UP	TON INTENDED DESTINATION ARLINGTON,TX		OF OPERATION JING LEVEL OFF/TOUCHDOW	IN			
	MISCELLANEOUS ACTS+CON	DITIONS - MATERIAL FAILUR	E					
-2884	MISCELLANEOUS ACTS∢CON REMARKS- LFT GEAR UPLOCK	DITIONS - MATERIAL FAILUR	E LOWER LEFT GEA CR- 0 0 1 PX- 0 0 5		IN TYPE, INSTRUMENT			
-2884	MISCELLANEOUS ACTS+CON REMARKS- LFT GEAR UPLOCK 9/9/77 DALLAS+TX	DITIONS - MATERIAL FAILUR SPRING BROKEN UNABLE TO AEROSTAR 601 N7433S DAMAGE-SUBSTANTIAL T WORTH R INTENDED DESTINATION ENID;OK	E LOWER LEFT GEA CR- 0 0 1 PX- 0 0 5 PHASE TAKE	R COMMERCIAL	37, 3201 TOTAL HOURS, 94			
-2884	MISCELLANEOUS ACTS;CON REMARKS- LFT GEAR UPLOCK 9/9/77 DALLAS,TX TIME - 1815 NAME OF AIRPORT - DALLAS DEPARTURE POINT DALLAS,TX TYPE OF ACCIDENT GROUND-WATER LOOP-SWER COLLIDED WITH OBJECT PRORABLE CAUSE(S) MISCELLANEOUS ACTS;CON AIRFRAME - LANDING GEA	DITIONS - MATERIAL FAILUR SPRING BROKEN UNABLE TO AEROSTAR 601 N7433S DAMAGE-SUBSTANTIAL TWORTH R INTENDED DESTINATION ENID,OK VE DITIONS - MATERIAL FAILUR R WHEELS,TIRES,AXLES LED TO MAINTAIN DIRECTION	E LOWER LEFT GEA PX- 0 0 5 PHASE TAKE TAKE	R COMMERCIAL AIR TAXI-PASSG OF OPERATION OFF RUN	37, 3201 TOTAL HOURS, 94 IN TYPE, INSTRUMENT			
-2884	MISCELLANEOUS ACTS,CON REMARKS- LFT GEAR UPLOCK 9/9/77 DALLAS,TX TIME - 1815 NAME OF AIRPORT - DALLAS DEPARTURE POINT DALLAS,TX TYPE DF ACCIDENT GROUND-WATER LOOP-SWER COLLIDED WITH OBJECT PRORABLE CAUSE(S) MISCELLANEOUS ACTS,CON AIRFRAME - LANDING GEA PILOT IN COMMAND - FAI FACTOR(S)	DITIONS - MATERIAL FAILUR SPRING BROKEN UNABLE TO AEROSTAR 601 N7433S DAMAGE-SUBSTANTIAL TWORTH R INTENDED DESTINATION ENID;OK VE DITIONS - MATERIAL FAILUR R WHEELS,TIRES;AXLES LED TO MAINTAIN DIRECTION DITIONS - JAMMED	E LOWER LEFT GEA PX- 0 0 5 PHASE TAKE TAKE	R COMMERCIAL AIR TAXI-PASSG OF OPERATION OFF RUN	37, 3201 TOTAL HOURS, 94 IN TYPE, INSTRUMENT			
2884	MISCELLANEOUS ACTS;CON REMARKS- LFT GEAR UPLOCK 9/9/77 DALLAS,TX TIME - 1815 NAME OF AIRPORT - DALLAS DEPARTURE POINT DALLAS,TX TYPE OF ACCIDENT GROUND-WATER LOOP-SWER COLLIDED WITH OBJECT PRORABLE CAUSE(S) MISCELLANEOUS ACTS;CON AIRFRAME - LANDING GEA PILOT IN COMMAND - FAI FACTOR(S)	DITIONS - MATERIAL FAILUR SPRING BROKEN UNABLE TO AEROSTAR 601 N7433S DAMAGE-SUBSTANTIAL TWORTH R INTENDED DESTINATION ENID;OK VE DITIONS - MATERIAL FAILUR R WHEELS,TIRES;AXLES LED TO MAINTAIN DIRECTION DITIONS - JAMMED	E LOWER LEFT GEA PX- 0 0 5 PHASE TAKE TAKE	R COMMERCIAL AIR TAXI-PASSG OF OPERATION OFF RUN	37, 3201 TOTAL HOURS, 94 IN TYPE, INSTRUMENT			

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FL IGHT PURPOSE	PILOT DATA				
	12/2/77 GEORGETOWN,TX TIME - 1819 NAME OF AIRPORT - GEORGET DEPARTURE POINT GEORGETOWN,TX TYPE OF ACCIDENT ENGINE FAILURE OR MALFU COLLIDED WITH TREES	CESSNA U2068 N3860G DAMAGE-DESTROYED DWN MUNI INTENDED DESTINATION ABILENE,TX	CR- 0 0 1 PX- 0 0 2 PHASE 0 IN FL	AIR TAXI-PASSG F OPERATION IGHT NORMAL CRUISE	COMMERCIAL, AGE 38, 4333 TOTAL HOURS, 1201 IN TYPE, INSTRUMENT RATED.				
	MISCELLANEOUS ACTS,COND MISCELLANEOUS ACTS,COND TERRAIN - HIGH OBSTRUCT COMPLETE POWER LOSS - COM EMERGENCY CIRCUMSTANCES -								
3-3767	12/22/77 GIDDINGS.TX TIME - 1242	PIPER PA-28R N116MM DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 23, 1989 TOTAL HOURS 176 IN TYPE, INSTRUMENT RATED.				
	NAME OF AIRPORT - LEE COU DEPARTURE POINT HOUSTON,TX TYPE OF ACCIDENT AIRFRAME FAILURE IN FL	INTENDED DESTINATION AUSTIN,TX		F OPERATION IGHT NORMAL CRUISE					
	PROBABLE CAUSE(S) PILOT IN COMMAND - EXCE FACTOR(S) MISCELLANEOUS ACTS,COND	EDED DESIGNED STRESS LIM ITIONS - OVERLOAD FAILUR							
-0666	2/3/77 BENNINGTON,VT TIME - 1710	CESSNA 402 N4090L DAMAGE-SUBSTANTIAL		COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 41, 3581 TOTAL HOURS 494 IN TYPE, INSTRUMENT RATED.				
	NAME OF AIRPORT - BENNING DEPARTURE POINT BENNINGTON,VT TYPE OF ACCIDENT . GROUND-WATER LOOP-SWERV COLLIDED WITH SNOWBANK	INTENDED DESTINATION TETERBORD,NJ		F DPERATION FF RUN FF RUN					
	FACTOR(S) AIRPORTS/AIRWAYS/FACILI	ED TO MAINTAIN DIRECTION TIES - AIRPORT CONDITION TIES - AIRPORT CONDITION RW TO AVOID SNOW ON RT.	S SNOW ON RUNW S SNOW WINDROW	S	.NOW •				

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BRIEFS OF ACCIDENTS

		BRIEF	S OF ACCIDENTS		
FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3392	10/1/77 STEVENS PASS,WA TIME - 1400	DEHAVILLAND DHC-2 N64391 DAMAGE-DESTROYED		COMMERCIAL AIR TAXI-PASSG	ATP,FLIGHT INSTR., AGE 25,4122 TOTAL HOURS, 799 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT KENMORE,WA TYPE OF ACCIDENT COLLIDED WITH TREES	INTENDED DESTINATION LK HATHEUME,CANADA	PENTIC PHASE OF	OUTE STOP TON+BC+CANADA OPERATION GHT CLIMB TO CRUISE	KATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROP MISCELLANEOUS ACTS,CONDIT PILOT IN COMMAND - MISJUC FACTOR(S) PILOT IN COMMAND - INADEC MISCELLANEOUS ACTS,CONDIT TERRAIN - HIGH OBSTRUCTIC FIRE AFTER IMPACT REMARKS- LOW FLT THRU CANYC	IONS - ÜNWARRANTED LOW GED DISTANCE,SPEED,AND DUATE PREFLIGHT PREPARA IONS - IMPROPERLY LOAD INS	FLYING ALTITUDE TION AND/OR PLAN ED AIRCRAFT-WEIG	HT-AND/OR C.G.	EEDED GWT & AFT CG.
3-4128	11/14/77 NR.VANCOUVER.WA TIME - 2220	CESSNA T337B N2351S DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 31, 4000 TOTAL HOURS 14 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT VANCOUVER,WA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNG COLLIDED WITH WIRES/POLE		IN FLI	OPERATION GHT NORMAL CRUISE G ROLL	KATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADEC PILOT IN COMMAND - MISMAN MISCELLANEOUS ACTS,CONDIT FACTOR(S) TERRAIN - HIGH OBSTRUCTIC COMPLETE POWER LOSS - COMPL EMERGENCY CIRCUMSTANCES - E	IAGEMENT OF FUEL TONS - FUEL EXHAUSTION DNS ETE ENGINE FAILURE/FLAM	MEOUT-2 ENGINES	INING	
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			PAGE 134		

		BRIEF	S OF ACCIDENTS		
FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA
3-4076	12/6/77 SEATTLE,WA TIME - 1245	CESSNA 185F N1022F DAMAGE-SUBSTANTIAL	PX- 0 0 0		COMMERCIAL, FL.INSTR., AGE 27, 2164 TOTAL HOURS, 1064 IN TYPE, NOT INSTRU- MENT RATED.
	NAME OF AIRPORT - KING (OUNTY INTL INTENDED DESTINATION			
		SEATTLE,WA			
	TYPE OF ACCIDENT ENGINE FAILURE OR MALF HARD LANDING	UNCTION	IN FL	F OPERATION IGHT DESCENDING NG LEVEL OFF/TOUCHDOWN	
	FACTOR(S) TERRAIN - HIGH OBSTRUC	TTONC			
	COMPLETE POWER LOSS - CO EMERGENCY CIRCUMSTANCES	MPLETE ENGINE FAILURE/FLA - FORCED LANDING OFF AIRP S W/WHEELS.LDG ON FREEWAY	ORT ON LAND	VOID WIRES, TRAFFIC.	
3-4075	COMPLETE POWER LOSS - CO EMERGENCY CIRCUMSTANCES	MPLETE ENGINE FAILURE/FLA - FORCED LANDING OFF AIRP	ORT ON LAND		COMMERCIAL, AGE 51, 2285 Total Hours, 187 IN Type,
3-4075	COMPLETE POWER LOSS - CO EMERGENCY CIRCUMSTANCES REMARKS- LNDG GEAR-FLOAT 12/30/77 WENATCHEE,WA TIME - 1436 DEPARTURE POINT	DMPLETE ENGINE FAILURE/FLA - FORCED LANDING OFF AIRP 'S W/WHEELS.LDG ON FREEWAY PIPER PA-34 N7089C DAMAGE-DESTROYED INTENDED DESTINATION	ORT ON LAND		COMMERCIAL, AGE 51, 2285 Total Hours, 187 In Type, Instrument rated.
3-4075	COMPLETE POWER LOSS - CO EMERGENCY CIRCUMSTANCES REMARKS- LNDG GEAR-FLOAT 12/30/77 WENATCHEE,WA TIME - 1436	DMPLETE ENGINE FAILURE/FLA - FORCED LANDING OFF AIRP 'S W/WHEELS.LDG ON FREEWAY PIPER PA-34 N7089C DAMAGE-DESTROYED INTENDED DESTINATION WENATCHEE,WA	ORT ON LAND MANEUVER TO AN CR- 1 0 0 PX- 0 0 0 PHASE C		TOTAL HOURS, 187 IN TYPE,

	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	PURPOSE	PILOT DATA
-1764	5/26/77 B TIME - 0050	RIDGEPORT,WV	PIPER PA-34 N1153H DAMAGE-DESTROYED	CR- 1 1 0		COMMERCIAL, FL.INSTR., AGE 24, 2171 TOTAL HOURS 116 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRP DEPARTURE PO BRIDGEPORT TYPE OF ACCI	, W V	INTENDED DESTINATION NEW YORK,NY		- OPERATION	
		LURE OR MALFUNC	TION	TAKED	F INITIAL CLIMB	
	MISCELLANE TERRAIN - FACTOR(S) WEATHER - COMPLETE POW WEATHER BRIE	- ENGINE STRUC OUS ACTS,CONDIT HIGH OBSTRUCTIC FOG ER LOSS - COMPL FING - BRIEFED	-	MEDUT-1 ENGINE DNNEL, BY PHONE		
	EMERGENCY CI	RCUMSTANCES - F	ORCED LANDING OFF AIRPO	ORT ON LAND		
	SKY CONDITIO	N		UNKNO	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT :	C 7 TC
	1/4 MILE O OBSTRUCTIONS	T ACCIDENT SITE R LESS TO VISION AT A		NONE TE MP ER A	TUR E-F	5116
	FOG WIND VELOCIT 2				WEATHER CONDITIONS MINIMUMS	
	TYPE OF FLIG IFR REMARKS- NO.	HT PLAN 3 MAIN BEARING	JOURNAL .			

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA
	8/12/77 PARKERSBURG,W TIME - 2228	V BEECH 58 N92650 DAMAGE-DESTROYED	CR- 2 0 0 COMMERCIAL PX- 2 0 0 AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 21, 1444 TOTAL HOURS, 83 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - WOOD C DEPARTURE POINT BUFFALD+NY TYPE OF ACCIDENT ENGINE FAILURE OR MALF COLLISION WITH GROUND/	INTENDED DESTINATION PARKERSBURG+WV UNCTION	PHASE OF OPERATION Landing final approach Landing final approach	
	POWERPLANT - FUEL SYST MISCELLANEOUS ACTS.CON MISCELLANEOUS ACTS.CON MISCELLANEOUS ACTS.CON FACTOR(S) WEATHER - FOG PARTIAL POWER LOSS - PAR WEATHER BRIEFING - BRIEF	E.SERVICING, INSPECTION I EM FUEL INJECTION SYSTEM DITIONS - IMPROPER ALIGNM LED TO FOLLOW APPROVED PR DITIONS - IMPROPER EMERGE DITIONS - FEATHERED WRONG TIAL LOSS OF POWER - 1 EN ED BY FLIGHT SERVICE PERS AST SUBSTANTIALLY CORRECT	ENT/ADJUSTMENT OCEDURES,DIRECTIVES,ETC. NCY PROCEDURES ENGINE GINE	
·	SKY CONDITION PARTIAL OBSCURATION VISIBILITY AT ACCIDENT S 1 MILE OR LESS OBSTRUCTIONS TO VISION A FOG WIND DIRECTION-DEGREES		CEILING AT ACCIDENT SITE 3000 PRECIPITATION AT ACCIDENT SIT NONE TEMPERATURE-F 71 WIND VELOCITY-KNOTS	E .
	20 TYPE OF WEATHER CONDITIO IFR FIRE AFTER IMPACT REMARKS- LEFT ENG FUEL M		4 TYPE OF FLIGHT PLAN IFR FECT.RIGHT PROP FEATHERED.	
-3640	12/11/77 NR.BUCKHANNON.W TIME - 1230	V PIPER PA-32R N200Hm DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMMERCIAL PX- 0 0 3 AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 34, 3418 TOTAL HOURS, 77 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT BUCKHANNON,WV TYPE OF ACCIDENT ENGINE FAILURE OR MALF COLLIDED WITH DIRT BA		PHASE OF OPERATION IN FLIGHT ČLIMB TO CRUISE LANDING ROLL	NATED.
		EOUS POWERPLANT FAILURE MPLETE ENGINE FAILURE/FLA	MEOUT-1 ENGINE	

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	F S	M/N		PILOT DATA
3-4246	2/3/77 TIME - 0142	NECEDAH,WI 2		·CR- 1 (0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 27, 28 TOTAL HOURS, 1200 IN TYPE, INSTRUMENT RATED
	DEPARTURE F EAU CLAIR TYPE OF ACC AIRFRAME	RE,WI	INTENDED DESTINATION MILWAUKEE,WI	PH		DF OPERATION IGHT UNCONTROLLED DESC	
	FIRE AFTER REMARKS- UN	IMPACT NDER INVESTIGATION	•				
3-0731	4/15/77 TIME - 0850		CESSNA 207 N1567U DAMAGE-DESTROYED			COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 21, 56 TOTAL HOURS, 550 IN TY INSTRUMENT RATED.
	DEPARTURE F WAUSAU,WI TYPE OF ACC	[DF OPERATION OTHER	
						•	
		COMMAND - STARTED	ENGINE WITHOUT PROPE MAGS OFF & SET BRAKES				
3-3906	PILOT IN REMARKS- PL 11/3/77 TIME - 2134	COMMAND - STARTED T FAILED TO TURN MANITOWOC,WI	MAGS OFF & SET BRAKES PIPER PA-31 N9273Y DAMAGE-DESTROYED	WHEN ROTA	I NG		COMMERCIAL, AGE 58, 17 Total Hours, 295 In Ty Instrument rated.
3- 3906	PILOT IN REMARKS- PL 11/3/77 TIME - 2134 NAME OF AIF DEPARTURE F MUSKEGON, TYPE OF ACC	COMMAND - STARTED T FAILED TO TURN MANITOWOC,WI 4 RPORT - MANITOWOC POINT MI	MAGS OFF & SET BRAKES PIPER PA-31 N9273Y DAMAGE-DESTROYED MUNI INTENDED DESTINATION MANITOWOC,WI	WHEN ROTA CR- O PX- O PH.	ING 0 0 0 0	PROP BY HAND.	TOTAL HOURS, 295 IN TY
3-3906 	PILOT IN REMARKS- PL 11/3/77 TIME - 2134 NAME OF AIF DEPARTURE P MUSKEGON, TYPE OF ACC COLLISION PROBABLE CA PILOT IN FACTOR(S) WEATHER BRI	COMMAND - STARTED T FAILED TO TURN MANITOWOC,WI 4 RPORT - MANITOWOC OINT MI IDENT WITH GROUND/WATE AUSE(S) COMMAND - IMPROPE	MAGS OFF & SET BRAKES PIPER PA-31 N9273Y DAMAGE-DESTROYED MUNI INTENDED DESTINATION MANITOWOC,WI R CONTROLLED R IFR OPERATION HOT REPORTED	WHEN ROTA CR- O PX- O PH.	ING 0 0 0 0	PROP BY HAND. Commercial air taxi-cargo DF operation	TOTAL HOURS, 295 IN TY
3-3906	PILOT IN REMARKS- PL 11/3/77 TIME - 2134 NAME OF AIF DEPARTURE P MUSKEGON, TYPE OF ACC COLLISION PROBABLE CA PILOT IN FACTOR(S) WEATHER - WEATHER BRI WEATHER FOR SKY CONDITI PARTIAL (VISIBILITY 2 MILES (COMMAND - STARTED T FAILED TO TURN MANITOWOC,WI T RORT - MANITOWOC POINT MI CIDENT N WITH GROUND/WATE AUSE(S) COMMAND - IMPROPE - FOG IEFING - UNKNOWN/N RECAST - UNKNOWN/N ION DESCURATION AT ACCIDENT SITE D LESS	MAGS OFF & SET BRAKES PIPER PA-31 N9273Y DAMAGE-DESTROYED MUNI INTENDED DESTINATION MANITOWOC,WI R CONTROLLED R IFR OPERATION NOT REPORTED OT REPORTED	WHEN ROTA CR- O PX- O PH, CE PRI		PROP BY HAND. COMMERCIAL AIR TAXI-CARGO OF OPERATION ING FINAL APPROACH S AT ACCIDENT SITE DWN/NOT REPORTED ITATION AT ACCIDENT SITE	TOTAL HOURS, 295 IN TY INSTRUMENT RATED.
3-3906	PILOT IN REMARKS- PL 11/3/77 TIME - 2134 NAME OF AIF DEPARTURE P MUSKEGON, TYPE OF ACC COLLISION PROBABLE CA PILOT IN FACTOR(S) WEATHER - WEATHER BRI WEATHER FOR SKY CONDITI PARTIAL (VISIBILITY 2 MILES (COMMAND - STARTED T FAILED TO TURN MANITOWOC,WI A RPORT - MANITOWOC JOINT MI JIDENT WITH GROUND/WATE AUSE(S) COMMAND - IMPROPE - FOG IEFING - UNKNOWN/N RECAST - UNKNOWN/N ION DASCURATION AT ACCIDENT SITE DR LESS NS TO VISION AT AC	MAGS OFF & SET BRAKES PIPER PA-31 N9273Y DAMAGE-DESTROYED MUNI INTENDED DESTINATION MANITOWOC,WI R CONTROLLED R IFR OPERATION NOT REPORTED OT REPORTED	WHEN ROTA CR- 0 PX- 0 PH. CE PRI TY		PROP BY HAND. COMMERCIAL AIR TAXI-CARGO OF OPERATION ING FINAL APPROACH G AT ACCIDENT SITE DWN/NOT REPORTED LIATION AT ACCIDENT SITE	TOTAL HOURS, 295 IN TY INSTRUMENT RATED.

			BRIEFS	OF ACC			
FILE	DATE	LOCATION	AIRCRAFT DATA	F	RIES S M/N	PURPOSE	PILOT DATA
	1/19/77 NF TIME - 161	R.ALPINE,WY	HILLER ACFT FH1100 N208DP DAMAGE-SUBSTANTIAL	CR- 0	0 1		COMMERCIAL, FL.INSTR., AGE 31, 3040 TOTAL HOURS 205 IN TYPE, NOT INSTRU- MENT RATED.
	DEPARTURE I SURVEY S	ITE	INTENDED DESTINATION ALPINE,WY				
	COLLISIO	CIDENT N WITH GROUND/WATE	R CONTROLLED			IF OPERATION OFF INITIAL CLIMB	
	PILOT IN FACTOR(S)	COMMAND - IMPROPE	R OPERATION OF FLIGHT TO MAINTAIN ADEQUATE R ITUDE		-		
	5 OR OVER	ION AT ACCIDENT SITE R(UNLIMITED) NS TO VISION AT AC	CIDENT SITE		UNLIM PRECIP NONE TEMPER	G AT ACCIDENT SITE NITED TATION AT ACCIDENT SITE NTURE-F	
	NONE TYPE OF WE VFR	ATHER CONDITIONS			25 TYPE OF NONE	FLIGHT PLAN	
3–1371	6/22/77 N TIME - 121	R.JACKSON,₩Y 5	AEROSPATIAL SA315B N62345 DAMAGE-DESTROYED			COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 25, 4944 Total Hours, 1391 In Type, not instrument
	DEPARTURE A FUEL DEP TYPE OF ACC ENGINE F HARD LAN	DT CIDENT AILURE OR MALFUNCT	INTENDED DESTINATION RECORDER SITE ION		LAND	IF OPERATION NG FINAL APPROACH NG POWER-OFF AUTOROTAT	RATED. IVE LANDING
	MISCELLA MISCELLA PERSONNE FACTOR(S) TERRAIN EMERGENCY	NT – ENGINE CONTRO NEOUS ACTS,CONDITI NEOUS ACTS,CONDITI L – MAINTENANCE,SE - ROUGH/UNEVEN CIRCUMSTANCES – FO	NLS THROTTLE-POWER LEV ONS - FUEL STARVATION ONS - IMPROPER ALIGNME RVICING,INSPECTION IN IRCED LANDING OFF AIRPC CH IMPROPERLY ADJUSTED	NT/ADJU ADEQUATI	STMENT E MAIN ⁻	ENANCE AND INSPECTION	•

FILE	DAT E	LOCATION	AIRCRAFT DATA	 I N	1110	 I E C		FLIGHT	PILOT DATA
	DATE	LUCATION	AIRCRAFT DATA			S M		PURPOSE	PILUT DATA
-1723	DEPARTURE POI	RT — CODY MUNI NT	INTENDED DESTINATION					COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 2200 TOTAL HOURS, 975 IN TYPE INSTRUMENT RATED.
	GILLETTE,WY TYPE OF ACCID WHEELS-UP		CODY,WY		P			F OPERATION NG LEVEL OFF/TOUCHDOW	IN
	AIRFRAME - AIRFRAME - SYSTEMS - H MISCELLANED	PRODUCTION-DE LANDING GEAR LANDING GEAR YDRAULIC SYSTE US - FOREIGN M	SIGN-PERSONNEL SUBSTAN NORMAL RETRACTION/EXTEN EMERGENCY/EXTENSION ASS M OTHER ATERIAL AFFECTING NORMA EARED TO BE ELECT TAPE	SION SEMBLY	ASS RAT	EMB	LY S		MANTEDLD ASSY.
				1 001-0					
-3543	7/31/77 NR.W TIME - 1000	ILSON,WY	AEROSPATIAL SA315B N6390 DAMAGE-SUBSTANTIAL					COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 43, 5981 TOTAL HOURS, 1010 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POI WILSON,WY TYPE OF ACCID ENGINE FAIL COLLIDED WI	ENT URE OR MALFUNC	INTENDED DESTINATION LOCAL TION		Ρ	IN	FL	F OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROTA	ATIVE LANDING
	MISCELLANEO TERRAIN - H	- COMPRESSOR A US ACTS,CONDIT IGH VEGETATION	SSEMBLY BEARING,ROTOR IONS - MATERIAL FAILUR! ETE ENGINE FAILURE/FLAM	=		NC I	NE		
	EMERGENCY CIR	CUMSTANCES - F	ORCED LANDING OFF AIRPO AILURE NOT DETERMINED.						
				PAGE	14	+0			

			BRIEFS	S OF AC					A.
FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	UR	IES SM,	'N	FLIGHT PURPOSE	PILOT DATA
	9/11/77 TIME - 092 DEPARTURE ALPINE, TYPE OF AC	ETNA,WY 20 POINT	HUGHES 369D N8396F DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX-	0 0 L P	0 0 AST ETT HAST	1 4 ENI	COMMERCIAL AIR TAXI-PASSG ROUTE STOP	COMMERCIAL, AGE 29, 3079 TOTAL HOURS, 40 IN TYPE, INSTRUMENT RATED.
	PILOT IN PILOT IN FACTOR(S) WEATHER MISCELLA	N COMMAND - SELECTE N COMMAND - DELAYED N COMMAND - FAILED - HIGH DENSITY ALT	ONS - PILOT FATIGUE		• P	. M.			
	5 OR OVE OBSTRUCTIO NONE WIND DIREC 180	AT ACCIDENT SITE ER(UNLIMITED) INS TO VISION AT AC CTION-DEGREES	CIDENT SITE		PI TI W	UNI REC NOI EMPI 55 IND 5	IM PI RA VE	AT ACCIDENT SITE ITED FATION AT ACCIDENT SITE FURE-F LOCITY-KNOTS	
	VFR .	EATHER CONDITIONS DENSITY ALT 8740FT.	PLT FLT TIME 10HRS IN	LAST 2		YPE NO		FLIGHT PLAN	
-1805	2/17/77 N TIME - 143	NR。JAYUYA,PR 33	BELL 206-A N4046G Damage-Destroyed					COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 37, UNK/NR TOTAL HOURS, 1537 IN TYPE, INSTRUMENT RATED.
	DEPARTURE JAYUYA,PR TYPE OF AC ENGINE F COLLIDED PROBABLE (MISCELLA MISCELLA MISCELLA PILOT IN FACTOR(S) TERRAIN PARTIAL PC	CIDENT FAILURE OR MALFUNCT O WITH TREES CAUSE(S) ANEOUS - FOREIGN MA ANEOUS ACTS,CONDITI ANEOUS ACTS,CONDITI NEOUS ACTS,CONDITI COMMAND - IMPROPE - HIGH OBSTRUCTION OWER LOSS - PARTIAL	INTENDED DESTINATION CAROLINA,PR ION TERIAL AFFECTING NORM, ONS - FUEL CONTAMINAT ONS - PUEL CONTAMINAT ONS - FUEL STARVATION R IN-FLIGHT DECISIONS S LOSS OF POWER - 1 ENG	ION-EXC OR PLA GINE	A T LU	IN LAI ION SIV	FL JDI	F OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN F WATER IN FUEL	
	FIRE AFTER	R IMPACT	RCED LANDING OFF AIRPO TED BY UNIDENT CONTAM				Đ.	FUEL NOZZLE SCREEN PART	OBS TRUC TED .

BRIEFS OF ACCIDENTS

					IDEN			· · · · ·
FILE	•		AIRCRAFT DATA	INJU F	RIES S M	/N	FLIGHT PURPOSE	PILOT DATA
	4/6/77 TIME - OR NAME OF A DEPARTURE ST THOM TYPE OF A	NR.SAN JUAN,PR 800 IRPORT - ISLA GRAN POINT	PIPER PA-23 N5519Y DAMAGE-DESTROYED DE INTENDED DESTINATION SAN JUAN,PR	CR- 0 PX- 0	0 0 PHAS	2 0 E 0	COMMERCIAL AIR TAXI-CARGO F OPERATION IGHT DESCENDING	COMMERCIAL, AGE 40, 1063 Total Hours, 345 in type, Not instrument rated.
	POWERPL AIRFRAM FACTOR(S) MISCELL PARTIAL P COMPLETE	ANT - MISCELLANEOU HE - LANDING GEAR ANEOUS ACTS,CONDIT OWER LOSS - PARTIA POWER LOSS - COMPL	IONS - AIRCRAFT CAME TO L LOSS OF POWER - 1 ENG ETE ENGINE FAILURE/FLAM	OR UNDE D REST I SINE MEOUT-1	TERM N WA ENGI	INE TER NE	D REASONS	
			DRCED LANDING OFF AIRPO LND GR BY EMERGENCY ME				RHEAT LOST POWR ON GO	-AROUND
-4090	REMARKS-		LND GR BY EMERGENCY ME	HOD • R T	ENG	ΟVE	RHEAT LOST POWR ON GO Commercial Air Taxi-Cargo	AIRLINE TRANSPORT, AGE 47, 7928 TOTAL HOURS, 1275 IN TYPE, INSTRUMENT
-4090	REMARKS- 11/3/77 TIME - 12 NAME OF A DEPARTURE ST CROI TYPE OF A	PLT UNABLE EXTEND ST THOMAS,VI 950 NIRPORT - HARRY S.T	LND GR BY EMERGENCY ME CURTIS-WRT C-46 N67971 DAMAGE-SUBSTANTIAL RUMAN INTENDED DESTINATION ST THOMAS,VI	CR- C PX- C	ENG 0 0. PHAS	0 VE 3 0		AIRLINE TRANSPORT, AGE 47, 7928 TOTAL HOURS, 1275 IN TYPE, INSTRUMENT RATED.
-4090	REMARKS- 11/3/77 TIME - 12 NAME OF A DEPARTURE ST CROI TYPE OF A FIRE OF PROBABLE PERSONN POWERPL MISCELL	PLT UNABLE EXTEND ST THOMAS,VI 550 AIRPORT - HARRY S.T POINT X.VI CCIDENT EXPLOSION IN FLI CAUSE(S) JEL - MAINTENANCE,S ANT - FUEL SYSTEM ANEDUS ACTS,CONDIT ANEDUS ACTS,CONDIT	LND GR BY EMERGENCY ME CURTIS-WRT C-46 N67971 DAMAGE-SUBSTANTIAL RUMAN INTENDED DESTINATION ST THOMAS,VI GHT	CR- C PX- C	ENG 0 0 PHAS LA	OVE 3 0	COMMERCIAL AIR TAXI-CARGO F OPERATION NG TRAFFIC PATTERN-C	AIRLINE TRANSPORT, AGE 47, 7928 TOTAL HOURS, 1275 IN TYPE, INSTRUMENT RATED. IRCLING



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