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U.S. GENERAL AVIATION 1978

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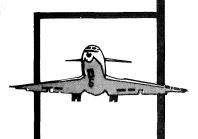
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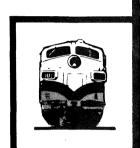
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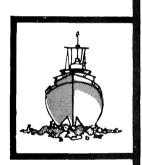
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# NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C. 20594



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



U.S. GENERAL AVIATION 1978

NTSB-AMM-80-11



**UNITED STATES GOVERNMENT** 

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#### 15. Supplementary Notes

#### 16.Abstract

This publication contains reports of commuter air carrier and on-demand air taxi accidents that occurred in 1978. Included are 55 commuter air carrier and 216 on-demand air taxi accident briefs. The brief format presents the facts, conditions, circumstances and probable cause(s) for each accident. Additional statistical information is tabulated by type of operation, injuries, aircraft weight, and cause(s) and related factor(s). This publication will be published annually.

17. Key Words Aviation accide commuter air carriers on-d General Aviation, probable phase of operation, kind o aircraft, weight, injuries	18.Distribution Statement This document is available to the public through the National Technical Infor- mation Service, Spring- field, Virginia 22151		
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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	nts	Hours	Accident Rates Per 100,000 Hours Flown			
	Total	Fatal	Flown	Total	<u>Fatal</u>		
Commuters	55(52)	13(12)	1,288,480 <u>1/</u>	4.04	0.93		
On-Demand	216	57	3,135,121 <u>2</u> /	6.89	1.82		
All Air Taxi	271	70	4,423,601 <u>3/</u>	6.13	1.58		

- 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. Rates, therefore, exclude accidents involving operators not reporting traffic data to CAB. Accidents/fatalities used in rate computation shown in parenthesis. Operators not reporting traffic data to CAB are identified by an asterisk (\*) on pages 19-21, Listing of Commuter Air Carrier Accidents.
- 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: Federal Aviation Administration

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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#### 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

- 1) Except as provided in subparagraph (2) of this paragraph, substantial damage means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component.
- 2) Engine failure, damage limited to an engine, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage" for the purpose of this part.

#### 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 greate	r (599,651 r	oounds 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.

#### **ABBREVIATION**

#### MEANING

AERIAL ADVERTISE	AERIAL ADVERTISING
ATR, FLIGHT INSTR.	AIRLINE TRANSPORT
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPER
AIR TAXI-PASSG	AIR TAXI-PASSENGER
APPROACH CTL-DEPARTURE	APPROACH CONTROL-DE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TO
ASSOC CROP CTL ACTIVITIES	ASSOCIATED CROP CON
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED FIRE COM
COMMERCIAL , FLIGHT . INSTR.	COMMERCIAL FLIGHT I
CORP /E XEC	CORPORATION/EXECUTI
CR-	CREW
CTR CARGO-D CTR CARGO-I	CONTRACT/CHARTER-CA
CTR CARGO-I	CONTRACT/ CHARTER-CA
CTR PASSG-D	CONTRACT/CHARTER-PA
CTR PASSG-I	CONTRACT/CHARTER-PA
LAST ENROUTE STOP	LAST PLANNED EN ROU
MAPPING/PHOTO	AERIAL MAPPING/PHOT
MIL CONTRACT CARGO INTL	MILITARY CONTRACT-C
MIL CONTRACT PASS6 INTL	MILITARY CONTRACT-F
MILITARY CTR CARGO DOM	MILITARY CONTRACT-C
MILITARY CTR PASSG DOM	MILITARY CONTRACT-F
MIL/CTR CARGO	MILITARY CONTRACT-C
MIL/CTR PASSG	MILITARY CONTRACT-F
NR.	NEAR
NS CTR CARGO	NONSCHEDULED/ CHARTE
NS CTR PASSG	NONSCHEDULED/ CHARTE
NS/CTR REVENUE CARGO DOM	NONSCHEDULED/ CHARTE
NS/CTR REVENUE CARGO INTL	NONSCHEDULED/CHARTE
NS/CTR REVENUE PASSG DOM	NONS CHEDULED/ CHARTE
NS/CTR REVENUE PASSG INTL	NONSCHEDULED/ CHARTE
07-	CTHER AIRCRAFT AND
PARAJUMP	PARACHUTE JUMP
PRIVATE OFL. INST R.	PRIVATE FLIGHT INST
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CONTROL/SURVE
SCHED CARGO SRV	SCHEDULED CARGO SER
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC
SCHED DOM PASSG SRV SCHED INTERNATE CARGO SRV	SCHEDULED DOMESTIC SCHEDULED INTERNATI
SCHED INTERNATE CARGO SRV	SCHEDULED INTERNATI
SCHED PASSG SRV	SCHEDULED PASSENGER
S-D	SCHEDULED-DOMESTIC
S- I	SCHEDULED-INTERNAT
UNK/NR	UNKNOWN/NOT REPORT
OIA V \ IAIV	OUNTOWN NOT KENOKI

IRLINE TRANSPORT INSTRUCTOR IR SHOW/AIR RACING IR TAXI-CARGO OPERATIONS IR TAXI-PASSENGER OPERATIONS PPROACH CONTROL-DEPARTURE PPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE SSOCIATED CROP CONTROL ACTIVITIES SSOCIATED FIRE CONTROL ACTIVITIES OMMERCIAL FLIGHT INSTRUCTOR ORPORATION/EXECUTIVE ONTRACT/ CHARTER-CARGO-DOMESTIC ONTRACT/ CHARTER-CARGO-INTERNATIONAL ONTRACT/ CHARTER-PASS ENGER-DOMESTIC ONTRACT/CHARTER-PASS ENGER-INTERNATIONAL AST PLANNED EN ROUTE LANDING POINT ERIAL MAPPING/PHOTOGRAPHY MILITARY CONTRACT-CARGO-INTERNATIONAL ILLITARY CONTRACT-PASSENGER-INTERNATIONAL ILLITARY CONTRACT-CARGO-DOMESTIC MILITARY CONTRACT-PASSENGER-DOMESTIC MILITARY CONTRACT-CARGO MILITARY CONTRACT-PASSENGER IEAR IONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE IONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE IONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC IONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL IONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC IONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL THER AIRCRAFT AND GROUND ARACHUTE JUMP RIVATE FLIGHT INSTRUCTOR **ASSENGERS** ADAR CONTROL/SURVEILLANCE CHEDULED CARGO SERVICE CHEDULED DOMESTIC CARGO SERVICE CHEDULED DOMESTIC PASSENGER SERVICE CHEDULED INTERNATIONAL CARGO SERVICE CHEDULED INTERNATIONAL PASSENGER SERVICE CHEDULED PASSENGER SERVICE CHEDULED-DOMESTIC CHEDULED-INTERNATIONAL UNKNOWN/NOT REPORTED

......

## PART 1

ALL AIR TAXI ACCIDENTS

Air Taxi Accidents
U.S. General Aviation
1969-1978

Year	Air Taxi Hours Flown 1/	Total Accidents	Total Accident Rate 2/	Fatal Accidents	Fatal Accident Rate 2/	Fatalities
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
1978	4,423,601	271	6.13	70	1.58	207

<sup>1/</sup> Source: Federal Aviation Administration

<sup>2/</sup> Accident Rates per 100,000 hours flown.

# ACCIDENTS, INJURIES AIR TAXI - ALL OPERATIONS

#### U.S. GENERAL AVIATION 1978

INJURIES

	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT	61	21	33	158			273
COPILOT  DUAL STUDENT CHECK PILOT FLIGHT ENGINEER NAVIGATOR	5	5	1	23			37 1
CABIN ATTENDANT	2		1	3			6
EXTRA CREW	1		1	3 3			5
PASSENGERS	133	70	78	378			659
TNTAL	202	96	118	565		ABUARD	981
* OTHER AIRCRAFT	2		1	4			7
OTHER GROUND	3	3	2	2			10
GRAND TOTAL	207	99	121	571			998

INVOLVES 271 TOTAL ACCIDENTS
INVOLVES 70 FATAL ACCIDENTS

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

#### TYPE OF OPERATION BY INJURY INDEX

#### INJURY INDEX

TYPE OF OPERATION	44	A SEP	IOUS H	140°	<u>RECURDS ACCIDENTS PER</u>	CFNT
SCHEDULED DOMESTIC PASSG.SVC	6	3	4	15	28 28 10.26	
SCHEDULED INTL PASSG SERVICE	3			1	4 4 1.47	
SCHEDULED DOMESTIC CARGO SVC	4	1	5	13	23 23 B.42	
SCHEDULED INTL CARGO SERVICE						
CHARTER-PASSENGER-DOMESTIC	37	15	18	64	134 133 49.08	
CHARTER-CARGO-DOMESTIC	14	7	6	29	56 56 20.51	
MIL CONTRACT-PASSG-DOMESTIC						
MIL CONTRACT-CARGO-DOMESTIC						
TEST				1	1 1 37	
TRAINING						
FERRY-DOMESTIC	2	1	1	5	9 9 3.30	
COMPANY FLIGHT						
CHARTER-PASSG-INTL						
CHARTER-CARGO-INTL						
MIL CONTRACT-PASSG-INTL						
MIL CONTRACT-CARGO-INTL						
FERRY-INTERNATIONAL						
OTHER	4	1	1	12	18 17 6.59	
R EC ORDS	70	28	25	140	273	
ACCIDENTS	70	28		138	271	
PERCENTS	25 • 6	10.3	12.8	51.3		

# INJURIES BY TYPE OF OPERATION AIR TAXI ACCIDENTS - ALL OPERATIONS

U.S. GENERAL AVIATION 1978

TYPE OF OPERATION	FATAL	SERIOUS	MINOR	NONE	TOTAL
SCHED DOMESTIC PASS SERV	28	28	31	164	251
SCHED INTER PASS SERV	14	2	3	9	28
SCHED DOMESTIC CARGO SERV	5	1	7.	16	29
NONSCHED DOM PASS SERV	1.25	52	62	289	5 <b>2</b> 8
NONSCHED DOM CARGO SERV	19	10	9	41	79
TEST	, , 0	0	0	5	5
FERRY. DOMESTIC	2	1	2	6	11
TOTAL	193	94	114	530	931

#### TYPE OF OPERATION BY AIRCRAFT WEIGHT

#### AIRCRAFT WEIGHT

	Charles Services in the services of the services in the servic			
TYPE OF OPERATION	ed rock sign	RECURU	S ACCIDI	ENTS PERCENT
SCHEDULED DOMESTIC PASSG.SVC	3 23 2	28	28	10.26
SCHEDULED INTL PASSG SERVICE	1 3	4	4	1.47
SCHEDULED DOMESTIC CARGO SVC	3 20	23	23	8.42
SCHEDULED INTL CARGO SERVICE				
CHARTER-PASSENGER-DOMESTIC	70 59 5	134	133	49.08
CHARTER-CARGO-DOMESTIC	28 27 1	56	56	20.51
MIL CONTRACT-PASSG-DOMESTIC				
MIL CONTRACT-CARGO-DOMESTIC				
TEST	1	1	ı	.37
TRAINING				
FERRY-DOMESTIC	5 4	9	9	3.30
COMPANY FLIGHT				
CHARTER-PASSG-INTL				
CHARTER-CARGO-INTL				
MIL CONTRACT-PASSG-INTL				
MIL CONTRACT-CARGO-INTL				
FERRY-INTERNATIONAL				
OTHER	12 5 1	18	17	6.59
RECORDS	123 141 9	273		
ACCIDENTS	122 140 9	•	271	
PERCENTS	45.1 51.6 3.3			

			·	

# PART 2 COMMUTER AIR CARRIER ACCIDENTS

#### Accidents, Fatalities and Rates Commuter Air Carriers 1978

Accidents	All Revenue Operations	Passenger	All Cargo/Mail
Total Fatal Fatalities	55 (52) 13 (12)	32(31) 9	23(21) 4(3)
Passenger	34	33	1
Crew	13	9	4
Others	$\frac{0}{47}$	$\frac{0}{42}$	_0
Total	47	42	4
Aircraft Hours Flown	1,288,480	1,014,806	273,674
Aircraft Miles Flown(000)	224,228	165,906	58,322
Revenue Passenger			
Miles Flown(000)	N/A	1,138,534	N/A
Departures	1,978,483	1,726,410	252,073
Accident Rate Per			
100,000 Hours Flown 1/			
Total	4.04	3.05	7.67
Fatal	0.93	0.89	1.10
Accident Rate Per			
Million Miles Flown 1/			
Total	0.23	0.19	0.36
Fatal	0.05	0.05	0.05
Accident Rate Per			
100,000 Departures 1/	2.67	1 00	0 77
Total Fatal	2.63	1.80	8.33
Passenger Fatality Rate	0.61	0.52	1.19
Per 100 Million			
Passenger Miles 1/	N/A	2.90	N/A
1400011501 111100 1/	11/ A	2.50	N/A

6

Rates exclude accidents involving operators not reporting traffic data to CAB. Accidents/fatalities used in rate computation shown in parenthesis. Operators not reporting traffic data to CAB are identified by an asterisk (\*) on pages 19-21, Listing of Commuter Air Carrier Accidents.

# ACCIDENTS, INJURIES COMMUTER AIR CARRIER OPERATIONS

U.S. GENERAL AVIATION
1978

#### INJURIES

	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT COPILOT DUAL STUDENT CHECK PILOT FLIGHT ENGINEER	11 2	1 2	9 2	34 8			55 14
NAVIGATOR CABIN ATTENDANT				2.	-		2
EXTRA CREW PASSENGERS	34	28	30	145			237
TOTAL	47	31	41	189		ABOARD	308
OTHER AIRCRAFT OTHER GROUND			1			r	1
GRAND TOTAL	47	31	42	189			309

PAGE

7

INVOLVES 55 TOTAL ACCIDENTS INVOLVES 13 FATAL ACCIDENTS

#### AIRPORT PROXIMITY BY WEATHER CONDITION

#### WEATHER CONDITION

	yea I fa Religh Halling		
AIRPORT PROXIMITY	The the Mr. Cy	RECURUS	ACCIDENTS PERCENT
ON AIRPORT	22 3	25	25 45.45
ON SEAPLANE BASE			
NN HELIPORT			
ON BARGE/SHIP/PLATEORM			
IN TRAFFIC PATTERN			
WITHIN 1/4 MILE	2	2	2 3.64
MITHIN 1/2 MILE	1	1	1 1.82
WITHIN 3/4 MILE			
WITHIN 1 MILE	1 2	3	3 5.45
WITHIN 2 MILES	2	2	2 3.64
WITHIN 3 MILES	3 2	5	5 9.09
WITHIN 4 MILES	1	1	1 1.82
WITHIN 5 MILES			
BEYOND 5 MILES	11 4	15	15 27.27
UNKNOWN/NOT REPORTED	1	-1	1 1.82
RECORDS	42 13	55	
ACCIDENTS	42 ,13		55
PERCENTS	76.4 23.6 .0		

#### TYPE OF AIRCRAFT AND CONDITIONS OF LIGHT

#### CONDITIONS OF LIGHT

TYPE OF ELIGHT PLAN	044	A OP!	licht,	A TWILL	HI DARK	Judge of the Country	R E CUR DS	ACCIDE	NTS PERCENT
NONE	1	13		2			16	16	29.09
VFR		12		1			13	13	23.64
IFR	1	12	2	9	. 1		25	25	45.45
CONTROLLED VFR									
IFR (VER CONDITIONS ON TOP)									
TOWER EN ROUTE CONTROL SERVICE									
DVFR									
VFR FLIGHT FOLLOWING SERVICE									
SPECIAL VFR									
OTHER									
UNKNOWN/NOT REPORTED				1			1	1	1.82
RECORDS	2	37	2	13	1		55		
ACCIDENTS	2	37	2	13	1			55	
PERCENTS	3.6	67.3	3.6	23.6	1.8	• 0			

### FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE

DESPORED SUBSTANIAL MORE

FIRST	CIDENT	045	ROT BSTA	WINOS NOME					
TYPE OF ACC	LIDENT	<u> </u>		<u> </u>			RECORUS	ACCIDEN	ITS PERCENT
GR OUND-WA	ATFR LOOP-SWERVE		8				8	8	14.55
DRAGGED W	INGTIP POD OR FLOAT								
WHEELS-UP	LANDING		1				1	1	1.82
WHEELS-DO	NWN LANDING IN WATER								
GEAR COLL	APSED		2				2	2	3.64
GEAR RETR	RACTED		2				2	2	3.64
HARD LAND	ING	1	2				3	3	5.45
NOSE OVER	3/DUMN								
ROLL OVER									
OVERSHOOT	-	1					1 .	1	1.82
UNDERSHOO	т		2				2	2	3.64
COLLISION	J RETWEEN AIRCRAFT								
BOTH IN E	LIGHT				i				
ONE AIRBO	IRNE								
BOTH ON G	ROUND								
COLLISION	WITH GROUND/WATER								
CONTROLLE	D .	4	1				5	5	9.09
UNCONTROL	LFD								
COLLIDED	MITH								
WIRES/POL	ES	1					1	1	1.82
TREES			1				1	1	1.82
RESIDENCE	:/\$								
BUILDING/	s .								
FENCE, FE	NCEPOSTS								
ELECTRONI	C TOWERS								
RUNWAY OR	APPROACH LIGHTS		1				1	1	1.82
AIRPORT H	AZARD								
ANIMALS	•								
CROP									
FLAGMAN L	DADER								
DITCHES									
SNOWBANK			1				1	1	1.82
PARKED AI	RCRAFT (UNATTENDED)								
AUTOMOBIL	E		1		•		1	1	1.82
DIRT BANK									
OTHER									

# FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

#### AIRCRAFT DAMAGE

	AIRCRAFT DAMAGE		
FIRST TYPE OF ACCIDENT	DESROTED STATION HOW	<u>recurds</u>	ACCIDENTS PERCENT
BIRD STRIKE			
<u>STALL</u>	1	1	1 1.82
SPIN	1	1	1 1.82
SPIRAL			
MUSH	1	1	1 1.82
FIRE OR EXPLOSION			
IN FLIGHT	. 1	1	1 1.82
ON GROUND			
AIRERAME FAILURE			
IN FLIGHT	1	1	1 1.82
ON GROUND			
ENGINE TEARAWAY			
ENGINE FAILURE OR MALFUNCTION	6 13	19	19 34.55
PROPELLER/ROTOR FAILURE			
PROPELLER	1	1	1 1.82
TAIL ROTOR			
MAIN ROTOR			
PROP ROTOR ACONT TO PERSON			
JET INTAKE/EXH ACONT TO PERS			
PROPELLER/JET/ROTOR BLAST			
TURBULENCE			
HAIL DAMAGE TO AIRCRAFT			
LIGHTNING STRIKE			
EVASIVE MANEUVER	C.		
UNCONTROLLED ALT DEVIATION			
DITCHING			
MISSING ACFT NOT RECOVERED	1	1	1 1.82
MISCELLANEOUS/OTHER			
UNDETERMINED			
RECORDS	18 37	55	
ACCIDENTS	18 37		55 .
PERCENTS	32.7 67.3 .0 .0		•

#### FIRST PHASE OF OPERATION BY INJURY INDEX

#### INJURY INDEX

FIRST OPERATIONAL PHASE	44	A SER	NI NI	40 4¢		RECORUS	ACCIDEN	TS PERCENT
STATIC								
STARTING ENGINE/S								
IDLING ENGINE/S				1		1	1	1.82
ENGINE RUNUP						•	1	1 102
IDLING ROTORS								
PARKED-ENGINES NOT OPERATING								
OTHER								
IXAT								•
TO TAKEOFF				1		1	1	1.82
FROM LANDING				3		3	3	5.45
OTHER						<u>.</u> ,	.,	3.43
GROUND TAXI TO TAKENFF								
GROUND TAXI FROM LANDING								
GROUND TAXI. OTHER								
AERIAL TAXI TO TAKEOFF								
AERIAL TAXI TO/FROM LANDING								
AERIAL TAXI, OTHER								
TAKEOFF RUN			2	2		4	4	7.27
INITIAL CLIMB	2	2		1		5	5	9.09
VERTICAL						,	,	9.09
RUNNING (ROTORCRAFT/VTOL-STOL)								
ABORTED (FIXED-WING)			1			1	1	1.82
ABORTED (ROTORCRAFT/VTOL)						•		1.02
ABORTED (ROTORCRAFT/STOL)								
OTHER								
INFLIGHT								
CLIMB TO CRUISE	1		1	1		3	3	5.45
NORMAL CRUISE	5			7		12		21.82
DESCENDING								
HOLDING (IFR)								
HOVERING								
POWER-ON DESCENT (ROTORCRAFT)								
AUTOROTATIVE DESCENT								
ACROBATICS								
BUZZING								

#### FIRST PHASE OF OPERATION BY INJURY INDEX

#### INJURY INDEX

				10° 00° 00° 00° 00° 00° 00° 00° 00° 00°			 	NTS PERC
UNCONTROLLED DESCENT	1					1	1	1.82
EMERGENCY DESCENT								
LOW PASS								
OTHER	1					1	1	1.82
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								
FINAL APPROACH (VFR)	1	1	1	2		5	5	9.09
INITIAL APPROACH								
FINAL APPROACH (IFR)	2	1		3 -		6	6	10.91
LEVEL OFF/TOUCHDOWN			3	4		7	7	12.73
ROLL (FIXED WING)			1	4		5	5	9.09
ROLL-ON/RUN-ON (ROTORCRAFT)								
POWER-ON LANDING (ROTORCRAFT)								
POWER-OFF AUTOROTATIVE LOG								
GO-AROUND (VFR)								
MISSED APPROACH (IFR)								
OTHER								
UNKNOWN/NOT REPORTED								
RECORDS	13	4	9	29		55		
							55	

#### CAUSE/FACTOR TABLE

#### COMMUTER AIR CARRIER ACCIDENTS

#### U.S. GENERAL AVIATION 1978

#### (EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES

54 TOTAL ACCIDENTS

INVULVES

12 FATAL ACCIDENTS

	•	FAT	AL ACCID	EN1S	NONFA	TAL ACCI	DEN1S	AL	L ACCIDE	NTS
	BROAD CAUSE/FACTOR	CAUSE	FACTOR	10TAL#	CAUSE	FACTUR	101AL*	CAUSE	FAC TOR	TUTAL*
		*								
	PILOT	7 58.33	2 16.67	8 66.67	28 66.67	5 11.90	29 69 <b>.</b> 05	35 64•81	7 12•96	37 68.52
	PERSONNEL	1 8•33	3 25•00	3 25.00	7 16.67	4 9 <b>.</b> 52	9 21.43	8 14•81	7 12•96	12 22•22
	AIRFRAME	•00	1 8•33	1 8.33	.00	1 2.38	1 2.38	•00	2 3•70	2 3.70
	LANDING GEAR	•00	•00	.00	5 11•90	.00	5 11 <b>.</b> 90	5 9•26	•00	5 9•26
	POWERPL ANT	3 25.00	•00	3 25.00	9 21.43	.00	9 21.43	12 22.22	•00	12 22•22
	SYSTEMS	1 8.33	•00	1 8•33	2 4•76	.00	2 4.76	3 5.56	•00	3 5•56
	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	1 2.38	4 9.52	5 11.90	1 1.85	4 7•41	5 9•26
	WEATHER	1 8.33	4 33.33	5 41.67	.00	12 28.57	12 28.57	1 1.85	16 29•63	17 31•48
	TERRAIN	.00	.00	.00	.00	5 11.90	5 11 <b>.</b> 90	•00	5 9•26	5 9•26
•	MISCELLANEOUS	•00	•00	•00	.00	.00	.00	•00	•00	•00
	UNDETERMINED	2 16.67	-00	2 16.67	1 2.38	.00	1 2.38	3 5.56	•00	3 5•56

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

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

#### CAUSE/FACTOR TABLE

#### COMMUTER AIR CARRIER ACCIDENTS

#### U.S. GENERAL AVIATION 1978

#### (EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES

54 TOTAL ACCIDENTS

INVOLVES

12 FATAL ACCIDENTS

	FATA		EN1S	NONEA	TAL ACCI	DENIS	ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	FACTUR	101AL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS DELAYED ACTION IN ABORTING TAKEOFF	1	1	1	2 1 1	1	2 1 1	2 1 1	1	3 1 2 1
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT FAILED TO RETRACT LANDING GEAR INADVERTENTLY RETRACTED GEAR	1		1	1 1	1	1 1 1	1 1 1	1	1 1 1
FAILED TO OBTAIN/MAINTAIN FLYING SPEED FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS	2	1	2	1 4 2 1	1	1 5 2 1	3 4 2 1	2	3 6 2 1
IMPROPER OPERATION OF FLIGHT CONTROLS IMPROPER LEVEL OFF IMPROPER IFR OPERATION IMPROPER IN-FLIGHT DECISIONS OR PLANNING	1 1 1		1 1 1	1 1 4 5		1 1 4	1 1 2 5 6		1 1 2 5
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISMANAGEMENT OF FUEL SELECTED UNSUITABLE TERRAIN FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS	1	1	1 1	5 1 2 2	1	5 1 2 2	6 1 2 2	1	6 1 2 (3)
MISJUDGED DISTANCE AND SPEED MISJUDGED DISTANCE AND ALTITUDE MISJUDGED CLEARANCE IMPROPER RECOVERY FROM BOUNCED LANDING MISUSED OR FAILED TO USE FLAPS FAILED TO MAINTAIN DIRECTIONAL CONTROL	Son			1 2 1 1 1 4	1 1	1 2 1 1 1 4 1 3	1 2 1 1 1 4	1 1	1 2 1 1 1 4 1 3
SUBTOTAL	10	3	13	47	6	53	57	9	66
** PERSONNEL **									
RULES, REGULATIONS, STANDARDS PERSONNEL FLIGHT INSTRUCTOR MAINTEMANCE, SERVICING, INSPECTION	32 .,	1	1					1	1
IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) IMPROPERLY SERVICED AIRCRAFTIGROUND CREW) INADEQUATE INSPECTION OF AIRCRAFT(MAINTENANCE PERSONNEL) INADEQUATE MAINTENANCE AND INSPECTION	1	1	1	1 1 3	2	1 1 2 3	2 1 3	2 1	2 · 1 · 2 · 4 ·····
NPERATIONAL SUPERVISORY PERSONNEL INADEQUATE FLIGHT TRAINING-PROCEDURES INADEQUATE SUPERVISION OF FLIGHT CREW		2 2 1	2 2 1	1	1	2	1	2 3 1	2 4 1
FAILURE TO PROVIDE ADEO DIRECTIVES, MANUALS, EQUIPMENT DEFICIENCY, COMPANY MAINTAINED EOMT, SERV, REGILATIONS WEATHER PERSONNEL		2	2		1	1		3	3
TRAFFIC CONTROL PERSONNEL ISSUED IMPROPER OR CONFLICTING INSTRUCTIONS AIRPORT SUPERVISORY PERSONNEL AIRWAYS FACILITIES PERSONNEL				1		1	1		1
PRODUCTION—DESIGN—PERSONNEL POOR TINADFOLIATE DESIGN MISCELLANEOUS—PERSONNEL				,	2	2	,	?	2
DRIVER OF VEHICLE DIRECT ENTRIES THIRD PILOT FLIGHT ENGINEER FLIGHT PERSONNEL DISPATCHING (AIR CARRIER ONLY)		1	1	1		1	1	1	1 1
SUBTOTAL	1	10	11	Я	6	14	9	16	25

#### CAUSE/FACTOR TABLE

		FATAL ACCIDENTS			NONFAIAL ACCIDENIS			ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	FACIOR	101AL	CAUSE	FACTUR	7()7AL	CAUSE	F AC TOR	TUTAL	
** AIRFRAME **										
WINGS OTHER FUSELAGE		1	1					1	1	
LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC BRAKING SYSTEM (NORMAL)				1		1 3	1 3		1	
NTHER FLIGHT CONTROL SURFACES ELEVATOR, ASSEMBLY ATTACHMENTS				1	1	1	1	1	1	
SURTOTAL		1	1	5	1	6	5	2	7	
** POWERPLANT **										
ENGINE STRUCTURE										
CRANKSHAFT MASTER AND CONNECTING RODS CYLINDER ASSEMBLY	1		1	1		1	1 1 1		1 1 1	
IGNITION SYSTEM FUEL SYSTEM				,		1			,	
RAM AIR ASSEMBLY LUBRICATING SYSTEM PUMP-PRESSURE	1		1 .	1		1	1		1	
COOLING SYSTEM PROPELLER AND ACCESSORIES	1		1				1		1	
GOVERNORS EXHAUST SYSTEM				1		1	1		1	
OTHER ENGINE ACCESSORIES	*			1		1	1		1	
ENGINE CONTROLS INDUCTION AIR, PREHEAT CONTROLS				1		1	1		1	
POWERPLANT-INSTRUMENTS MISCELLANEOUS										
POWERPLANT FAILURE FOR UNDETERMINED REASONS REDUCTION GEAR ASSEMBLY	1 ·		1				1		1	
COMPRESSOR ASSEMBLY BEARING, ROTOR SHAFT COMBUSTION ASSEMBLY				1		1	1		1	
TURBINE ASSEMBLY BLADE, TURBINE WHEEL				1		1 1	1		1	
OTHER ACCESSORY DRIVE ASSEMBLY LUBRICATING SYSTEM				1		1	1		1	
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							-		-	
PROPELLER LEVER REVERSE THRUST LEVER										
ENGINE INDICATING EQUIPMENT ENGINE INSTALLATION										
SUBTOTAL	3		3	10		10	13		13	
** SYSTEMS **										
ELECTRICAL SYSTEM HYDRAULIC SYSTEM						,				
RESERVOIR, LINES, FITTINGS FLIGHT CONTROL SYSTEMS				2		2	2		2	
ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM ELEVATOR TRIM INDICATOR SYSTEM	1 1		1 1				1 1		1 1	
ANTI-ICING, DE-ICING SYSTEMS AIR CONDITION, HEATING AND PRESSURIZATION										
AUTO PILOT FIRE WARNING SYSTEM										
FIRE EXTINGUISHER SYSTEM OXYGEN SYSTEM										

#### CAUSE/FACTOR TABLE

SYSTEMS (CONTINUED)	FAT	AL ACCIU	ENTS	NONFA	TAL ACCI	DENTS	ΔL	L ACCIDE	NTS
DETAILED CAUSE/FACTOR	CAUSE	FAC TOR	TOTAL	CAUSE	FAC TOR	TOTAL	CAUSE	FACTOR	TOTAL
OTHER SYSTEMS					,				
SUBTOTAL	2		2	2		2	4		4
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES AIRPORT CONDITIONS WET RIUMAY ICE/SLUSH ON RUNWAY SNOW ON RIUMAY SNOW WINDROWS UNMARKED OBSTRUCTIONS OTHER AIRWAYS FACILITIES				1	1 1 1	1 1 1 1 1	1	1 1 1	1 1 1 1 1
SURTOTAL				2	4	6	2	4	6
** WEATHER **									
LOW CEILING		2	2		3	3		5	5
RAIN FOG		2	2		2 3	2 3		2 5	2 5
ICING CONDITIONS—INCLUDES SLEET, FREEZING RAIN, ETC CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING	1	1	2		4 3	4 3	1	5 3	6 3
WIND SHEAR SUDDEN WINDSHIFT					1 1	1 1		1	1
DOWNDRAFTS, UPDRAFTS HIGH TEMPERATURE	1	1	1 1		-	•	1	1	î 1
OBSTRUCTIONS TO VISION THUNDERSTORM ACTIVITY		,	•		1 1	1		1	1
SURTOTAL	2	6	8		19	. 19	2	25	27
** TERRAIN **									
HIGH VEGETATION ROUGH/UNEVEN HIGH OBSTRUCTIONS					1 1 3	1 1 3		1 1 3	1 1 3
SUBTOTAL					5	. 5		5	5
** MISCELLANEOUS **									
UNDETERMINED	2		2	1		1	3		3
SUBTOTAL	2		2	1		1	3		3
GRAND TOTAL	20	20	40	75	41	116	95	61	156
** MISCELLANEOUS ACTS, CONDITIONS **	20	20	40	,,	71	110	,,,	01	150
				•					
LEAK/LEAKAGE DOWNWIND				2	1	2 1	2	1	2 1
LOOSE, PART/FITTING DISCONNECTED				1 1		1 1	1 1		1 1
EXCESSIVE-WEAR/PLAY IMPROPERLY INSTALLED				1 1		1 1	1		1 1
OVERHEATED VIBRATION, EXCESSIVE				2		2 1	2		2 1
INTENTIONAL WHEELS UP				2	1	2	2	1	2
RAN OFF END OF RUNWAY ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE				1		1	1		1
CHECKLIST-FAILED TO USE CREW COORDINATION-POOR		1	1		1	1		1	1 1
IMPROPER EMERGENCY PROCEDURES NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA	1	1	2	3	2 1	5 1	4	3 1	7 1
INATTENTIVE TO FUEL SUPPLY POORLY PLANNED APPROACH	1		1	2 1		2 1	3 1		3 1
FATIGUE FRACTURE FUEL GRADE-IMPROPER	1		1	3 1		3 1	4 1		4 1
WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION FAILURE OF TWO OR MORE ENGINES				-	1 1	1 1	•	1 1	î 1
SEPARATION IN FLIGHT		1	1	,	1			1	1
FIRE IN ENGINE				1		1	1		1

#### CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)	FAT	AL ACCIT	ENTS	NONFA	TAL ACCI	DENTS	ΔL	L ACCIDE	NTS
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	107AL	CAUSE	FAC TOR	TUTAL
FIRE IN BRAKES/ WHEEL ASSEMBLY/ WHEEL WELL				1		1	1		1
FUEL EXHAUSTION				3		3	.3		3
ICE-CARBURETOR				2		2	2		2
AIRFRAME ICE				. 2	1	3	2	1	3
LACK OF LUBRICATION-SPECIFIC PART, NDT SYSTEM				2		2	2 .		2
AIRCRAFT CAME TO REST IN WATER		3	3		4	4		7	7
MISSING				1		1	1		1
OVERLOAD FAILURE		1	1	1	4	5	1	5	6
MATERIAL FAILURE	1		1	.5		5	. 6		6
FUEL STARVATION	1		1	2		2	3		3
FUEL SELECTOR POSITIONED BETWEEN TANKS	1		1				1		1

DIRECT ENTRY CAUSES

PERSONNEL-INEFFECTIVE FAA SURVEILLANCE

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

## LISTING OF COMMUTER AIR CARRIER ACCIDENTS

# U.S. GENERAL AVIATION 1978 IN FILE ORDER SEQUENCE (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE NUMBER	AIRCRAF REGIST.	T DATE	LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX	
3 0050	N1924T	011778	CLARKSBURG.WV	BEECH	B99A	MINOR	AERO MECH INC
3 0175	N122N0	021378	VICHY, MO	CESSNA	402	NONE	DICKMAN AVIAT *
3 0234	N26KA	010578	LEADVILLE.CO	DEHAVND CAN	DHC-6	NONE	ROCKY MT.AWYS.
3 0398	N9801Z	011778	NEW CASTLE, DE	веесн	C45H	SERIOUS	FLT EXPRES CAR
3 0421	N4824S	040178	KANSAS CITY,MO	PIPER	PA-32	NONE	LAWRENCE AVIAT
3 0461	N180X	021778	MIDDLETOWN, PA	BEECH	E18S	MINOR	FLIGHT EXPRESS
3 0767	N101SX	030178	AGANA,GUAM	CESSNA	337F	FAIAL	ISLAND AIR.INC
3 0791	N45350	050878	LITTLE ROCK.AR	CESSNA	402A	NONE	MILLER AIR TRA
3 0824	N44NC	051178	KEOKUK,IA	CESSNA	402B	MONE	BROWER AIRWAYS
3 1118	N1517U	030878	AUGUSTA,GA	CESSNA	207	NONE	MODERN AIR FRE
3 1211	N94460	050278	NSPIRITWOOD,ND	BEECH	UC 45 J	FAIAL	SIZER AIRWAYS
3 1291	N15598	010278	NRIO GRANDE, PR	DOUGLAS	nC-3	NONE	AERO VIRGIN IS
3 1315	N54292	051978	MARTINSVILLE, VA	PIPER	PA-31	MINOR	AMERICAN AIR T
3 1463	N9885K	070578	BEAUFORT, SC	PIPER	PA-32	MINOR	COASTAL PLAINS
3 1479	N41JA	062978	NOVATO,CA	BRITTNORMAN	BN-2A	NONE	STOL AIR COMMU
3 1615	N12223	050978	SACRAMENTO, CA	HANDLY PAGE	HP 137	NONE	APOLLO AIRWAYS
3 1616	N354P	051978	NMOLAKAI,HI	BEECH	H18	NONE	ALL HAWAII AIR
3 1693	N6868S	062378	ASHLAND. NE	AERO COMDR	680	NONE	AAA AIR ENTERP
3 1698	N66860	050278	EAST BOSTON.MA	PIPER	PA-31	NONE	NOR EAST COMMU
3 1823	N6772L	042778	CULEBRA IS.PR	PIPER	PA-31	NONE	PERKIOMEN AIRW
3 1828	N79R	080878	CHICAGO,IL	BEECH	D18S	MINOR	BLACKHAWK AIR
	4						

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## LISTING OF COMMUTER AIR CARRIER ACCIDENTS

## U.S. GENERAL AVIATION 1978 IN FILE ORDER SEQUENCE (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE NUMBER	AIRCRAF REGIST.	T DATE	LOCATION	AIRCRAF MAKE	MODEL	INJURY INDEX	
3 1882	N3127B	052378	SYRACUSE .NY	BEECH	3NM	NONE	SPRINGFIELD AI
3 1895	N3905W	071378	SEVERN, VA	PIPER	PA-32	NONE	SOUTHERN MD AV
3 1917	N481E	080878	LAS VEGAS,NV	BEECH	C 45H	NONE	NEVADA AIRLINE
3 1957	N877A	040578	NST THOMAS, VI	GRUMMAN	G-21	FATAL	ANTILLES AIR B
3 2060	N61402	081178	KNEELAND, CA	PIPER	PA-31	NONE	EUREKA AERO IN
3 2328	NIOVT	061978	WINDSOR LOCKS.CT	веесн	18	MINOR	GREAT WESTERN
3 2400	N6308U	010578	NMILES CITY,MT	AERO COMDR	500B	FATAL	COMBS AIRWAYS,
3 2479	N45450	080378	MANHATTAN,KS	CESS.NA	402A	SERIOUS	CAPITOL AIR SE
3 2556	N69WW	021678	HOOPER BAY,AK	CESSNA	4018	NONE	RUSH AIR.INC *
3 2650	N118L	050278	GRAND CANYON.AZ	BEECH	D18S	NONE	NEVADA AIRLNS.
3 2652	N54516	070778	SAN PEDRO,CA	SIKORSKY	S-62A	FATAL	CATALINA AIRLI
3 2838	N6112X	090678	GREAT FALLS.MT	AERO COMDR	500B	FATAL	COMBS AIRWAYS
3 2860	N735UB	090778	SAN ANTONIO,TX	CESSNA	1820	NONE	AIR CENTER INC
3 3128	N7777V	090278	NST THOMAS, USVI	GRUMMAN	G-21A	FATAL	ANTILLES AIR B
3 3316	N199EA	021078	RICHLAND, WA	BEECH	99	FATAL	COLUMBIA PACIF
3 3318	N447SA	102578	SOUTH BEND, IN	BEECH	99	NONE	SKYSTREAM AIRL
3 3712	N46952	120778	INDIANAPOLIS, IN	BEECHCRAFT	E 18 S	NONE	BURLINGTON AIR
3 3730	N901PC	111678	HAYS.KS	веесн	G18S	FATAL	FESTUS FLYING *
3 3737	N7700L	091978	BLOUNTVILLE, TN	PIPER	PA-31	NONE	APPLACHIAN FLY
3 3812	N3600T	120878	HASTINGS, MN	CESSNA	402	NONE	RAPID AIR INC.
3 3970	N25RM	120478	NSTEAMBOAT SPGS,CO	DEHAVILLAND	DHC-6	FAIAL	ROCKY MTN AIRW

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## LISTING OF COMMUTER AIR CARRIER ACCIDENTS

## U.S. GENERAL AVIATION 1978 IN FILE ORDER SEQUENCE (NAME OF OPERATOR DISPLAYED AT RIGHT)

FILE	AIRCRAF			AIRCRAF		INJURY	
NUMBER	REGIST.	DATE	LOCATION	MAKE	MODEL	INDEX	
3 3971	N41210	092578	MONROE,MA	CESSNA	310N	FAIAL	BUSINESS AIRCR
3 3978	N27604	122078	PALLAS, TX	PIPER	PA-31	SERIOUS	AIR CENTRAL
3 3993	N323	060478	NST.THOMAS,VI	GRUMMAN	G21A	NONE	ANTILLES AIR B
3 4056	N5644D	062678	BIRMINGHAM, AL	веесн	E18S	NONE	SEMO AVIATION
3 4119	N6247Q	120778	ROCKFORD.IL	CESSNA	401A	MINOR	INTERNATL AVIA
3 4200	N74676	110578	NST CROIX U.S.V.I.	GRUMMAN	G21A	NONE	ANTILLES AIR B
3 4203	N8012R	082478	PULLMAN, WA	веесн	B99	MINOR	CASCADE AIRWAY
3 4247	N300TL	081378	AUSTIN.TX	SWEARINGEN	SA226	SERIOUS	TEJAS AIRLINES
3 4304	N59912	110378	MISSING AIRCRAFT	PIPER	PA-31	FATAL	EASTERN CARIBB
3 4362	N78660	090778	NHYDER + AZ	CESSNA	402B	NONE	COCHISE AIRLNS
3 4441	N3FB	121878	CLEVELAND.OH	DEHAVILLAND	114-2X	MINOR	FISCHER BRUS
3 4476	N1688U	122978	LYNDON STATION, WI	CESSNA	207	NONE	AIR FREIGHT EX
6 0042	N35P	042778	NUPOLA,W SAMOA	CESSNA	402	FAIAL	SOUTH PACIFIC

#### NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

### BRIEFS OF COMMUTER AIR CARRIER ACCIDENTS

U.S. GENERAL AVIATION

1978

#### (IN STATE AND DATE ORDER)

	DATE		AIRCRAFT DATA		F	SN	/N	FLIGHT PURPOSE	,	ILOT DATA
	6/26/78 TIME - 233 NAME OF AL DEPARTURE MONTGOME TYPE OF AC	BIRMINGHAM.AL 36 IRPORT - BIRMINGHAM POINT ERY.AL	BEECH E18S N5644D DAMAGE-SUBSTANTIAL MUNI INTENDED DESTINATION	CR- PX-	0 0	0 0	1 0		CUMMERCI TUTAL HO	AL, AGE 22, 1900 JRS, 96 IN TYPF,
		D WITH OBJECT			• '			FROM LANDING		
	PROBABLE (									
	AIRFRAME MISCELLA MISCELLA MISCELLA PILOT IN MISCELLA FIRE AFTER	E — LANDING GEAR E ANEOUS ACTS.CONDITI ANEOUS ACTS.CONDITI ANEOUS ACTS.CONDITI N COMMAND — ATTEMPT ANEOUS ACTS.CONDITI R IMPACT	ONS - FIRE IN BRAKES.W ED OPERATION W/KNOWN D ONS - IMPROPER EMERGEN	SYSTER PLAY THEEL EFICII ICY PR	ASS ENC OCE	E ME I E S DUR	LY, IN	WHEEL WELL	RGND FUEL S	YST BOX.
3-2556	2/16/78 TIME - 122	HOOPER BAY,AK 25	CESSNA 401B N69WW DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	AIRLINE 42, 7760 IN TYPE, RATED.	TRANSPORT, AGE TOTAL HOURS, 160 INSTRUMENT
	NAME OF A	IRPORT - HOOPER BAY	•						KATED.	
	DEPARTURE BETHEL ** TYPE OF AC GEAR COI	AK CCIDENT	INTENDED DESTINATION BETHEL , AK			CA HAS	P E 0	ROUTE STOP ROMANZOFF∙AK F OPERATION NG ROLL		
	MISCELL	E - LANDING GEAR M ANEOUS ACTS, CONDITI	AIN GEAR-SHOCK ABSORBI IONS - OVERLOAD FAILURE ISED DURING LANDING ROL							

FILE	DATE	LOCATION	AIRCRAFT .DATA	IN	JUR]	ES M	/N	FLIGHT PURPOSE	
3-2650	5/2/78 TIME - 124	GRAND CANYON: 45 IRPORT - GRAND	AZ BEECH D18S N118L DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 9	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	COMMERCIAL, AGE 27, 2490 TOTAL HUURS, 522 IN TYPE, INSTRUMENT RATED.
	LAS VEGA	AS+NV CIDENT	INTENDED DESTINATION GRAND CANYON+AZ		PΗ	IΔSF	- n	F OPERATION	
	GROUND-V GEAR COL	MAICK LUGF-SWC	RVE			LAI	I OM	NG ROLL NG ROLL	
	MISCELLA FACTOR(S)	E - LANDING GE. ANEOUS ACTS, COI	AR BRAKING SYSTEM (NORMAL NDITIONS - IMPROPERLY INST	ALLED	м)				
			NDITIONS - OVERLOAD FAILUR TALLED O RING,LEFT BRAKE A	SSEMBL					
3-4362	9/7/78 N	NR.HYDER.AZ	CESSNA 402B	CR-	0	0	1	COMMERCIAL	AIRLINE TRANSPORT, AGE 45, 8289 TUTAL HOURS, 2622 IN TYPE, INSTRUMENT RATED.
		?3	DAMAGE — DE STROYED	PX-	U	U	1	AIR TAXI-PASSG S-0	2622 IN TYPE, INSTRUMENT RATED.
	DEPARTURE YUMA.A7	POINT	INTENDED DESTINATION PHOENIX.AZ						
	TYPE OF AC	CCIDENT EXPLOSION IN	INTENDED DESTINATION PHOENIX, AZ					F OPERATION IGHT NORMAL CRUISE	
	POWERPLA MISCELLA MISCELLA MISCELLA	EL - MAINTENANI ANT - EXHAUST : ANEOUS ACTS,COI ANEOUS ACTS,COI ANEOUS ACTS,COI	NDITIONS - MISSING NDITIONS - VIBRATION,EXCES NDITIONS - FATIGUE FRACTUR	SIVE	R MA	IN'	TEN	ANCE (MAINTENANCE PERSÜ	NNEL)
	EMERGENCY FIRE AFTER	CIRCUMSTANCES R IMPACT	NDITIONS — FIRE IN ENGINE — FORCED LANDING OFF AIRP G BALL JOINT ON L ENG R SI				SIN	G•	
3-0791	5/8/78 TIME - 114	LITTLE ROCK, +5	AR CESSNA 402A N45350 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGF 37, 7500 TOTAL HOURS, 1555 IN TYPE, INSTRUMENT RATED.
•			FIELD INTENDED DESTINATION LITTLE ROCK+AR		PH	IASI	∄ 0	F OPERATION	KATEU.
	GEAR COL	LLAPSED				TA	×Ι	FROM LANDING	
	MISCELLA	- LANDING GE ANEOUS ACTS, CO	AR OTHER NDITIONS - MATERIAL FAILUR SY FAILED FOR UNDETERMINED		٧.				

FILE	DATE	LOCATION	AIRCRAFT DATA		F	S	NVM		PILUI DATA
3-1615	5/9/78 TIME - 18	SACRAMENTO,CA 00	HANDLY PAGE HP 137 N12223 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	3	COMMERCIAL COMMUTER AIR CARRIER	ATP, FLIGHT INSTR., AGE 30, 5311 TOTAL HOURS, 1240 IN TYPE, INSTRUMENT RATED.
	DEPARTURE SACRAME TYPE OF A	NTO∙CA CCIDENT FAILURE OR MALFUNC	INTENDED DESTINATION SANTA BARBARA, CA		F	T	4KEC	F OPERATION FF INITIAL CLIMB FF ABORTED	
	MISCELL PILOT I MISCELL FACTOR(S) MISCELL COMPLETE FIRE AFTE	ANT - PROPFILER SY ANFOUS ACTS.CONDIT N COMMAND - MISUSE ANFOUS ACTS.CONDIT ANFOUS ACTS.CONDIT POWER LOSS - COMPL R IMPACT	STEM PITCH CHANGING ME IONS - LOOSE, PART/FITTI D OR FAILED TO USE FLAP IONS - INTENTIONAL WHEE IONS - IMPROPER EMERGEN ETE ENGINE FAILURE/FLAM	NG S ELS-UP NCY PR NEOUT-	0 C E	NG	INE	ED TAKENEE.	
3-1479	6/29/78 TIME - 13	N∩VATO,CA 45	BRITTNORMAN BN-2A N41JA DAMAGE-SURSTANTIAL	PX-				COMMERCIAL CUMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 36, 5907 TOTAL HOURS, 828 IN TYPE, INSTRUMENT RATED.
	DEPARTURE SANTA RI TYPE OF A GROUND—	OSA,CA	LD INTENDED DESTINATION NOVATO•CA		F	Τ,	ΔXΙ	OF OPERATION FROM LANDING FROM LANDING	•
	SYSTEMS MISCELL	E - LANDING GEAR - HYDRAULIC SYSTE ANEDUS ACTS, CONDIT	BRAKING SYSTEM (NORMAL M RESERVOIR,LINES,FITT IONS — MATERIAL FAILURE IC BRAKE LINE SEPARATE(	INGS	м)				

			AIRCRAFT DATA		F	S M	I / N	PURPOSE	PILOT DATA
	7/7/78 SAN TIME - 1053		SIKORSKY S-62A N54516 DAMAGE-SUBSTANTIAL	CR-	0	0	1	COMMERCIAL	AIRLINE TRANSPORT, AGE 56, 16434 TOTAL HOURS, 189 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT AVALON, CA TYPE OF ACCIDEN ENGINE FAILUR DITCHING	ΙΤ	INTENDED DESTINATION SAN PEDRO,CA TION			ΙN	FL	F OPERATION IGHT NORMAL CRUISE IGH1 AUTOROTATIVE DESCEN	
	FACTOR(S) MISCELLANEOUS COMPLETE POWER	ACTS, CONDIT	S POWERPLANT FAILURE F IONS — AIRCRAFT CAME TO ETE ENGINE FAILURE/FLAM ORCED LANDING OFF AIRPO	REST	IN	- I WA NG I	TER NE		
3-2060	8/11/78 KNEE TIME - 0615		PIPER PA-31 N61402 DAMAGE-SUBSTANTIAL	PX-	0	0	1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	TOTAL HOURS, 195 IN TYPE
	NAME OF AIRPORT DEPARTURE POINT SAN FRANCISCO TYPE OF ACCIDEN UNDERSHOOT COLLIDED WITH	O.CA T	EUREKA + CA			UK HAS LA	IAH E O NDI	ROUTE STOP I-CA F OPERATION NG FINAL APPROACH NG LEVEL OFF/TOUCHDOWN	
	FACTOR(S) AIRPORTS/AIRW MISCELLANEOUS	JAND - MISJUD JAYS/FACILITI ACTS, CONDIT	GED DISTANCE AND ALTITUES - AIRPORT CONDITIONS OVERLOAD FAILURE HAS A LIP GEAR COLLAPS	отн	IER				

	LOCATION		F	S M/N	FLIGHT PURPOSE	PILUT DATA
	LEADVILLE.CO	DEHAVND CAN DUC-4	CB - 0	0 2	COMMERCIAL	AIRLINE TRANSPORT, AGE 33, 3704 TOTAL HOURS, 2540 IN TYPE, INSTRUMEN RATED.
	AIRPORT - LAKE COU					
ASPEN. TYPE OF . HARD L	ACCIDENT	INTENDED DESTINATION DENVER,CO		LEADV PHASE O LANDI	ROUTE STOP /ILLE→CO  F OPERATION NG LEVEL OFF/TOUCHDO NG ROLL	NWC
PILOT		D TO FOLLOW APPROVED PRO				
PILOT MISCEL FACTOR(S WEATHER MISCEL WEATHER	IN COMMAND - FAILE( LANEOUS ACTS.CONDIT) ) R - SUDDEN WINDSHIF LANEOUS ACTS.CONDIT BRIEFING - COMPANY	TIONS - OVERLOAD FAILURE	PPROACH	JWENFEA	NT CONTROLS	
PILOT MISCEL FACTOR(S WEATHER MISCEL WEATHER	IN COMMAND - FAILER LANEOUS ACTS.CONDIT ) R - SUDDEN WINDSHIF LANEOUS ACTS.CONDIT BRIEFING - COMPANY FORECAST - FORECAS	D TO INITIATE GO-AROUND TIONS - POORLY PLANNED A ET TIONS - OVERLOAD FAILURE DISPATCH	PPROACH	CEILING	; AT ACCIDENT SITE	
PILOT MISCEL FACTOR(SS WEATHER MISCEL WEATHER WEATHER SKY COND CLEAR VISIBILI	IN COMMAND - FAILER LANEOUS ACTS.CONDIT ) R - SUDDEN WINDSHIF LANEOUS ACTS.CONDIT BRIEFING - COMPANY FORECAST - FORECAS	D TO INITIATE GO-AROUND FIONS - POORLY PLANNED A ET FIONS - OVERLOAD FAILURE DISPATCH T SUBSTANTIALLY CORRECT	PPROACH	CEILING UNLIM	; AT ACCIDENT SITE	ITE
PILOT MISCEL FACTOR(S) WEATHER MISCEL WEATHER I WEATHER SKY COND CLEAR VISIBILII 5 OR O' ORSTRUCT	IN COMMAND - FAILEI LANEOUS ACTS.CONDIT ) R - SUDDEN WINDSHIF LANEOUS ACTS.CONDIT BRIEFING - COMPANY FORECAST - FORECAST ITION TY AT ACCIDENT SITE	D TO INITIATE GO-AROUND FIONS - POORLY PLANNED A FT TIONS - OVERLOAD FAILURE DISPATCH T SUBSTANTIALLY CORRECT	PPROACH	CEILING UNLIM PRECIPI NONE RELATIV	; AT ACCIDENT SITE ITED TATION AT ACCIDENT S /E BEARING OF WIND	-
PILOT MISCEL FACTOR(S WEATHER MISCEL WEATHER I WEATHER SKY COND CLEAR VISIBILI 5 OR O	IN COMMAND - FAILER LANERUS ACTS.CONDIT ) R - SUDDEN WINDSHIF LANERUS ACTS.CONDIT BRIEFING - COMPANY FORECAST - FORECAST  ITION  TY AT ACCIDENT SITE VER(UNLIMITED) IONS TO VISION AT	D TO INITIATE GO-AROUND FIONS - POORLY PLANNED A FT TIONS - OVERLOAD FAILURE DISPATCH T SUBSTANTIALLY CORRECT	PPROACH	CEILING UNLIM PRECIPI NONE RELATIV RIGHT	, AT ACCIDENT SITE ITED TATION AT ACCIDENT S	-
PILOT MISCEL FACTOR(S) WEATHER MISCEL WEATHER I WEATHER SKY COND CLEAR VISIBILI 5 OR D' ORSTRUCT NONE TEMPERAT 28	IN COMMAND - FAILER LANEOUS ACTS.CONDIT ) R - SUDDEN WINDSHIF LANEOUS ACTS.CONDIT BRIEFING - COMPANY FORECAST - FORECAST  ITION  TY AT ACCIDENT SITE VER (UNLIMITED) IONS TO VISION AT	D TO INITIATE GO-AROUND FIONS - POORLY PLANNED A FT TIONS - OVERLOAD FAILURE DISPATCH T SUBSTANTIALLY CORRECT	PPROACH	CEILING UNLIM PRECIPI NONE RELATIV RIGHT WIND DI 280	; AT ACCIDENT SITE ITED TATION AT ACCIDENT S VE BEARING OF WIND QUARTERING HEAD WINI	-

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
	STEAMBO TYPE OF	E PUINI I	DENVER.CO	PHASÉ C	F OPERATION IGHT NORMAL CRUISE	KATED.
	WEATHE WEATHE FACTOR(S PILOT WEATHER WEATHER	CAUSE(S)  R - ICING CONDITIONS-  R - DOWNDRAFT, UPDRAFT)  IN COMMAND - INITIATE  BRIEFING - BRIEFED BY  FORECAST - WEATHER SL  AIRCRAFT - LATER RECO	S D FLIGHT IN ADVERSE W FLIGHT SERVICE PERSI IGHTLY WORSE THAN FOR	VEATHER CONDITI DNNEL, BY PHONE		
	5 OR O OBSTRUCT BLOWIN WIND DIR 270 TYPE OF IFR	ST TY AT ACCIDENT SITE VER(UNLIMITED) IONS TO VISION AT ACC G SNOW ECTION—DEGREES FLIGHT PLAN		UNKNO PRECIPI SNOW TEMPERA 26 TYPE OF IFR	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SITE TURE-F WEATHER CONDITIONS 30FT MSL.RECOVERY DATE	
3-2328	6/19/78	WINDSOR LOCKS,CT				
	TIME - 2	030	N1OVT DAMAGE-DESTROYED	PX- 0 0 0	AIR TAXI-CARGO S-D	AIRLINE TRANSPORT, AGE 38, 3496 TOTAL HOURS, 1003 IN TYPE, INSTRUMENT RATED,
	DEPARTUR ALBANY TYPE OF ENGINE	AIRPORT - BRADLEY INT E POINT I ,NY ACCIDENT FAILURE OR MALFUNCTI ED WITH TREES	NTENDED DESTINATION WINDSOR LOCKS.CT	LANDI	F OPERATION NG FINAL APPROACH NG GO-AROUND	
	POWERP MISCEL MISCEL POWERP MISCEL FACTOR(S TERRAI PARTIAL COMPLETE EMERGENC	CAUSE(S) LANT - COMPRESSOR ASS LANEOUS ACTS.CONDITIO LANEOUS ACTS.CONDITIO LANT - TURBINE ASSEMB LANEOUS ACTS.CONDITIO ) N - HIGH OBSTRUCTIONS POWER LOSS - PARTIAL POWER LOSS - COMPLET Y CIRCUMSTANCES - FOR ER IMPACT	NS - LACK OF LUBRICAT NS - OVERHEATED LY BLADE, TURBINE WHE NS - FATIGUE FRACTURI LOSS OF POWER - 1 ENG E ENGINE FAILURE/FLAM	FION-SPECIFIC P EEL E SINE MEOUT-1 ENGINE	ART,NOT SYSTEM	

				F S	M/N	PURPOSE	PILOT DATA
I-0398	1/17/78 TIME - 131	NEW CASTLE, DE	BEECH C45H N9801Z DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	1 1 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	Alp, FLIGHT INSTR., AGE 46, 28100 TOTAL HOURS, 7650 IN TYPE, INSTRUMENT RAIED.
	DEPARTURE	RPIJKI - GREATER W POINT	ILMINGTO INTENDED DESTINATION PHILADELPHIA,PA				
	TYPE OF AC ENGINE F STALL A	AILURE OR MALFUNC	TION		LANDI	F OPERATION NG FINAL APPROACH NG FINAL APPROACH	
	PROBABLE (		PER OPERATION OF POWERPO	ANT & POW	IERPLA	NT CONTROLS	
			TIONS - ANTI-ICING/DEIC TIONS - ICE-CARBURETOR	NG EQUIPM	1ENT-I	MPROPER OPERATION OF/U	R FAILED TO USE
		OMMAND - FAILE	TO OBTAIN/MAINTAIN FL	'ING SPEET	)		
	MISCELLA	OMMAND - FAILE		'ING SPEET	)		
	MISCELLA FACTOR(S)	N COMMAND - FAILED ANEOUS ACTS, CONDIT	TO OBTAIN/MAINTAIN FL				
	MISCELLA FACTOR(S) WEATHER WEATHER	N COMMAND - FAILED NEOUS ACTS, CONDIT - CONDITIONS COND - ICING CONDITION	) TO OBTAIN/MAINTAIN FL' IONS - AIRFRAME ICE OUCIVE TO CARB./INDUCTION S-INCLUDES STEET.FREEZ	N SYSTEM	ICING		
	MISCELLA FACTOR(S) WEATHER WEATHER PARTIAL PO	N COMMAND - FAILED NEOUS ACTS, CONDIT  - CONDITIONS COND - ICING CONDITION OWER LOSS - PARTIA	O TO OBTAIN/MAINTAIN FLY TONS - AIRFRAME ICE OUCIVE TO CARB•/INDUCTIO	N SYSTEM	ICING		
	MISCELLA FACTOR(S) WEATHER WEATHER PARTIAL PO WEATHER BE	N COMMAND - FAILED NEOUS ACTS, CONDIT  - CONDITIONS COND - ICING CONDITION DWER LOSS - PARTIA RIEFING - OTHER	) TO OBTAIN/MAINTAIN FL' IONS - AIRFRAME ICE OUCIVE TO CARB./INDUCTION S-INCLUDES STEET.FREEZ	N SYSTEM	ICING		
	MISCELLA FACTOR(S) WEATHER WEATHER PARTIAL PO WEATHER BO WEATHER BO	N COMMAND - FAILED NEOUS ACTS, CONDITIONS COND - ICING CONDITION REFERENCE LOSS - PARTIA REFING - OTHER RECAST - FORECAST	O TO OBTAIN/MAINTAIN FL' IONS - AIRFRAME ICE DUCIVE TO CARB./INDUCTION S-INCLUDES SÉET.FREEZ LL LOSS OF POWER - 1 ENG	ON SYSTEM ING RAIN, E	ICING TC.		
	MISCELLA FACTOR(S) WEATHER WEATHER PARTIAL PO WEATHER BO WEATHER BO WEATHER FO EMERGENCY SKY CONDI	N COMMAND - FAILED NEOUS ACTS, CONDITIONS CONDITIONS - ICING CONDITION WER LOSS - PARTIA RIEFING - OTHER DRECAST - FORECAST CIRCUMSTANCES - F	O TO OBTAIN/MAINTAIN FL' TONS - AIRFRAME ICE OUCIVE TO CARB./INDUCTION OUTSIDE STEET.FREEZ OUTSIDE OF POWER - 1 ENC	ON SYSTEM ING RAIN, E INE ORT ON LAN	ICING TC.	AT ACCIDENT SITE	
	MISCELLA FACTOR(S) WEATHER WEATHER PARTIAL PO WEATHER FO EMERGENCY SKY CONDITORS	N COMMAND - FAILER NEOUS ACTS, CONDITIONS COND - CONDITIONS COND - ICING CONDITION UWER LOSS - PARTIA RIEFING - OTHER RECAST - FORECAST CIRCUMSTANCES - F	O TO OBTAIN/MAINTAIN FL' TONS - AIRFRAME ICE OUCIVE TO CARB./INDUCTION US-INCLUDES SLEET.FREEZ NO LOSS OF POWER - 1 ENC T SUBSTANTIALLY CORRECT FORCED LANDING OFF AIRPO	ON SYSTEM ING RAIN, E INE ORT ON LAN	ICING TC.		: : :
	MISCELLA FACTOR(S) WEATHER WEATHER PARTIAL PO WEATHER FO EMERGENCY SKY CONDITIONS VISIBILITY	N COMMAND - FAILED NEOUS ACTS, CONDITIONS CONDITIONS - ICING CONDITION WER LOSS - PARTIA RIEFING - OTHER DRECAST - FORECAST CIRCUMSTANCES - F	O TO OBTAIN/MAINTAIN FL' TONS - AIRFRAME ICE OUCIVE TO CARB./INDUCTION US-INCLUDES SLEET.FREEZ NO LOSS OF POWER - 1 ENC T SUBSTANTIALLY CORRECT FORCED LANDING OFF AIRPO	IN SYSTEM ING RAIN, E SINE  ORT ON LAN PE	ICING TC. ND EILING 400 RECIPI FREEZ	AT ACCIDENT SITE TATION AT ACCIDENT SIT ING RAIN, SNOW	: : :
	MISCELLA FACTOR (S) WEATHER WEATHER BI WEATHER BI WEATHER FO EMERGENCY SKY CONDI OBSCURAN VISIBILITY 1/2 MILE	COMMAND - FAILED COMMAND - FAILED CONDITIONS CONDITION C	O TO OBTAIN/MAINTAIN FL' IONS - AIRFRAME ICE DUCIVE TO CARB./INDUCTION US-INCLUDES STEET.FREEZ ALL LOSS OF POWER - 1 ENC SUBSTANTIALLY CORRECT FORCED LANDING OFF AIRPORTED	ON SYSTEM ON RAIN, E  ONT ON LAN  CE  PF	ICING TC. ND EILING 400 RECIPI FREEZ	AT ACCIDENT SITE	: : :
	MISCELLA FACTOR(S) WEATHER WEATHER PARTIAL PO WEATHER FO EMERGENCY SKY CONDITION OBSCURA VISIBILITY 1/2 MILE OBSTRUCTIO	COMMAND - FAILED NEOUS ACTS, CONDITIONS CONDITIONS CONDITION LICING CONDITION REFING - OTHER REFING - OTHER RECAST - FORECAST CIRCUMSTANCES - FORECAST CIRCUMSTANCES - FORECAST CONTION TION TON TON TON TON TON TON TON TON TON T	O TO OBTAIN/MAINTAIN FL' IONS - AIRFRAME ICE DUCIVE TO CARB./INDUCTION US-INCLUDES STEET.FREEZ ALL LOSS OF POWER - 1 ENC SUBSTANTIALLY CORRECT FORCED LANDING OFF AIRPORTED	IN SYSTEM ING RAIN,E INE DRT ON LAN CE PF TE	ICING ETC. ND EILING 400 RECIPI FREEZ EMPERA 28 IND VE	AT ACCIDENT SITE TATION AT ACCIDENT SIT ING RAIN, SNOW	: : :
	MISCELLA FACTOR (S) WEATHER WEATHER PARTIAL PO WEATHER BO WEATHER FO EMERGENCY  SKY CONDI' OBSCURAT VISIBILITI 1/2 MILE OBSTRUCTIO FOG WIND DIREO	COMMAND - FAILED COMMAND - FAILED CONDITIONS CONDITION C	O TO OBTAIN/MAINTAIN FL' IONS - AIRFRAME ICE DUCIVE TO CARB./INDUCTION US-INCLUDES STEET.FREEZ ALL LOSS OF POWER - 1 ENC SUBSTANTIALLY CORRECT FORCED LANDING OFF AIRPORTED	ON SYSTEM ON SYSTEM ON CAN ON	ICING ETC. ND EILING 400 RECIPI FREEZ EMPERA 28 ND VE	AT ACCIDENT SITE  TATION AT ACCIDENT SIT ING RAIN, SNOW TURE-F	E

		•	AIRCRAFT DATA		F	SI	1/N	PURPOSE	PILOT DATA
3-1118	3/8/78 TIME - 19	AUGUSTA,GA 02	CESSNA 207 N1517U DAMAGE-SUBSTANTIAL	CR- PX-	0 0	0	1 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	AIRLINE TRANSPURT, AGE 31, 4220 TOTAL HOURS, 810 IN TYPE, INSTRUMENT RATED.
	NAME OF A DEPARTURE SAVANAH TYPE OF A	IRPORT - BUSH FIEL POINT	D INTENDED DESTINATION AUGUSTA, GA			РНД:	SE C	OF OPERATION NG FINAL APPROACH	
	FACTOR(S) WEATHER WEATHER	N COMMAND - IMPROP - LOW CEILING - FOG	ER IFR OPERATION BY FLIGHT SERVICE PERSO	)NNE L 1	, B1	Y RA	AD I C	)	
	2 MILES OBSTRUCTI FOG WIND DIRE 20				F - V	4( PRE( N( TEMF 4] VINI 9	OO CIPI INE PERA	AT ACCIDENT SITE  TATION AT ACCIDENT SITE  TURE-F  ELOCITY-KNOTS  FELIGHT PLAN	
	IFŔ						R		
3-1616	5/19/78 TIME - 17	NR.MDLAKAI.HI 00	BEECH H18 N35 AP DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 9	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP, FLIGHT INSTR., AGE 28, 4880 TOTAL HOURS, 2650 IN TYPE, INSTRUMENT RATED.
	DEPARTURE HONOLULI TYPE OF A	CCIDENT WATER LOOP-SWERVE	INTENDED DESTINATION MOLAKAI, HI		F	LA	NDI	OF OPERATION NG ROLL NG ROLL	,
	MISCELL FACTOR(S)	- HYDRAULIC SYSTE ANEOUS ACTS,CONDIT	M RESERVOIR, LINES, FITT IONS - LEAK/LEAKAGE TO INITIATE GO-AROUND	INGS					

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ( F	JRIE:	5 1/N	FLIGHT PURPOSE	PILOT DATA
-1828	8/8/78	CHICAGO,IL 57	BEECH D18S N79R DAMAGE-DESTROYED	CR- (	0 0	1 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, FL.INSTR., AGE 28, 2524 TOTAL HOURS, 529 IN TYPE, INSTRUMENT RATED.
	DEDARTURE	LLE,WI CCIDENT NDING	INT'L INTENDED DESTINATION CHICAGO,IL		L	NDI	F DPERATION NG LEVEL OFF/TOUCHDOWN NG LEVEL OFF/TOUCHDOWN	
	PILOT IN	N COMMAND - IMPRO N COMMAND - IMPRO	OPER LEVEL OFF PER RECOVERY FROM BOUNCE TIONS - OVERLOAD FAILURE	_	ING			
-4119	TIME - 10		DAMAGE-SUBSTANTIAL	CR- (	0 0	2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 21, 1504 TOTAL HOURS, 427 IN TYPE INSTRUMENT RATED.
	NAME OF A DEPARTURE MINNEAP TYPE OF AC HARD LA	IRPORT - GREATER POINT OLIS.MN CCIDENT NDING	INTENDED DESTINATION MINNEAPOLIS, MN		LAS CI PHAS	EN HICA HE O ANDI	ROUTE STOP GO₊IL F OPERATION NG LEVEL OFF/TOUCHDOWN	
	PILOT II FACTOR(S) MISCELL WEATHER WEATHER WEATHER	N COMMAND - INADE N COMMAND - IMPRO ANEOUS ACTS.COND - LOW CEILING - FOG - ICING CONDITION	QUATE PREFLIGHT PREPARA  PER IN-FLIGHT DECISIONS  ITIONS - AIRFRAME ICE  INS-INCLUDES SLEET, FREEZ  BRIEFING BY FLIGHT SER	OR PLAN	NN I NO	; ;•		BY PILOT ACTION
	WEATHER FI	ORECAST - FORECAS CIRCUMSTANCES -	T SUBSTANTIALLY CORRECT FORCED LANDING ON AIRPO AIRFRAME BUFFET				· ·	
	2 MILES OBSTRUCTION FOG TYPE OF FO IFR	T Y AT ACCIDENT SIT OR LESS ONS TO VISION AT LIGHT PLAN	E ACCIDENT SITE		PRE(	OO IPI REEZ OF	AT ACCIDENT SITE TATION AT ACCIDENT SITE ING DRIZZLE WEATHER CONDITIONS	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIE F S	S M/N	FLIGHT PURPOSE	PILOT DATA
3-3318	10/25/78 TIME - 071	SOUTH BEND, IN	BEECH 99 N447SA DAMAGE-SUBSTANTIAL	CR- 0 0 PX- 0 0	2 8	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-U	ATP, FLIGHT INSTR., AGE 42, 8000 TUTAL HOURS, 4040 IN TYPE, INSTRUMENT RATED.
	NAME OF AIR	RPORT - MICHIANA POINT ND.IN CIDENT		РНА	SE O	F OPERATION C IDLING ENGINE(S)	
		NEGUS - UNDETERMI	(NED GEAR SYSTEM DISCLOSED	NO SYSTEM	MALF	UNCTION.	
3 <b>-</b> 3712	12/7/78 TIME - 074	INDIANAPOLIS.IN 7	BEECHCRAFT E18S N46952 DAMAGE-SUBSTANTIAL	CR- 0 0 PX- 0 0	1 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, AGE 47, 17000 TOTAL HOURS, 9000 IN TYPE, INSTRUMENT RATED.
	DEPARTURE I CHICAGO. TYPE OF ACC ENGINE F	IL	DLIS INTL INTENDED DESTINATION INDIANAPOLIS,IN	<b>РН</b> А І	N FL	F OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN	
	PILOT IN PILOT IN MISCELLAN FACTOR(S) WEATHER - WEATHER TERRAIN - COMPLETE PO	COMMAND - INADEC COMMAND - IMPROP COMMAND - MISMAN NEGUS ACTS.CONDIT - CONDITIONS COND - LOW CEILING - ROUGH/UNEVEN DWER LOSS - COMPL	DUATE PREFLIGHT PREPARA  ER IN-FLIGHT DECISIONS  LAGEMENT OF FUEL  LONS - FUEL EXHAUSTION  UCIVE TO CARB./INDUCTION  LETE ENGINE FAILURE/FLA	OR PLANNIN	G CING		
	WEATHER FO	IEFING - OTHER RECAST - UNKNOWN/ CIRCUMSTANCES - F	'NOT REPORTED ORCED LANDING OFF AIRP	ORT ON LAND			
	2 MILES OBSTRUCTION FOG WIND DIRECT	AT ACCIDENT SITE OR LESS NS TO VISION AT A		1 PRE R TEM 3 WIN 1	500 CIPI AIN PERA 9 D VE	AT ACCIDENT SITE  TATION AT ACCIDENT SITE  TURE-F  LOCITY-KNOTS	
	IFR	ATHER CONDITIONS ILOT STATED HE RO	VD WX BRIEF FROM ANOTH	I	E OF FR	FLIGHT PLAN	

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JUR :	ES M/	N	FLIGHŤ PURPOSE	PILO1 DATA	
3-0824	5/11/78 TIME - 21	KENKUK,IA 30	CESSNA 402B N44NC DAMAGE-SURSTANTIAL	CR- PX-	0	0	1 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 33, 5870 101AL HOURS, 500 IN TYPE, INSTRUMENT RATED.	
		IRPORT - KEOKUK MUN POINT	INTENDED DESTINATION							
	KEUKUK•.	Į A	FT MADISON, IA		D.1		0.17	OPERATION		
	. GROUND-I	CCIDENT WATER LOOP-SWERVE D WITH DITCHES				TAK	E0 F	F RUN F ABORTED		
	PILOT I FACTOR(S) WEATHER	N COMMAND — INITIAT N COMMAND — FAILED — RAIN	ED FLIGHT IN ADVERSE WE TO MAINTAIN DIRECTIONALY FLIGHT SERVICE PERSON	קר כטא.	1ROI			NS		
		ORECAST - UNKNOWN/		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,,,			
	SKY CONDI	TION						AT ACCIDENT SITE		
		Y AT ACCIDENT SITE			PΕ		PIT	ATION AT ACCIDENT SITE		
		ER(UNLIMITED) ONS TO VISION AT AC	CIDENT SITE		RAIN RELATIVE BEARING OF WIND					
	FOG TEMPERATU				RIGHT QUARTERING HEAD WIND 023-067 DEGREES WIND DIRECTION-DEGREES					
	60				180					
	VIND VELO 10 TYPE OF F NONE	TYPE OF WEATHER CONDITIONS  VFR								
3-2479				CR- PX-	0	0	1 6	COMMERCIAL COMMUTER AIR CARRÍER AIR TAXI-PASSG S-D	COMMERCIAL, FL.INSTR., AGE 24, 1709 TOTAL HOURS, 44 IN TYPE, INSTRUMENT RATED.	
		IRPORT - MANHATTAN POINT	MUNI INTENDED DESTINATION							
	MANHATT. TYPE OF A		KANSAS CITY, MO		Di	1 V C E	ΩE	- OPERATION		
	PROPELL	ER/ROTOR FAILURE F D WITH CROP	PROPELLER			TAK	E0 F	F INITIAL CLIMB IG LEVEL OFF/TOUCHDOWN		
	MISCELL PILOT I FACTOR(S)	ANT - PROPELLER ANE ANEOUS ACTS∢CONDIT N COMMAND - FAILED	O ACCESSORIES GOVERNOR IONS - MATERIAL FAILURE TO RETRACT LANDING GEA	₹						
		- HIGH VEGETATION	DRCED LANDING OFF AIRPO	ODT ON		מו				

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR:	IES S M/N	PURPOSE	PILOT DATA				
		HAYS . KS	BEECH G18S N901PC DAMAGE-DESTROYED	CR- 1 PX- 1	0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	CUMMERCIAL, FL.INSTR., AGE 34, 2574 TOTAL HOURS 1095 IN TYPE, INSTRUMENT RATED.				
	DEPARTURE		INTENDED DESTINATION								
	WICHITA TYPE OF A		HAYS . KS	DI	ASE (	OF OPERATION					
	STALL					ING FINAL APPROACH					
	FACTOR(S) WEATHER WEATHER WEATHER B	N COMMAND - FAILER - LOW CEILING - ICING CONDITIO RIEFING - BRIEFED	O TO OBTAIN/MAINTAIN FL NS-INCLUDES SLEET,FREEZ BY FLIGHT SERVICE PERS T SUBSTANTIALLY CORRECT	ING RAIN,E ONNEL, BY	∃1C.	i					
	SKY CONDI	TION		C	ETITN	C AT ACCIDENT SITE					
	OBSCURA			CEILING AT ACCIDENT SITE 200							
		Y AT ACCIDENT SIT	E	PF	RECIP	ITATION AT ACCIDENT SITE					
		OR LESS				ZING DRIZZLE					
		ONS TO VISION AT	ACCIDENT SITE			ATURE-F					
	FOG	CTION-DEGREES			31 ND V	ELOCITY-KNOTS					
	10	CTION WEOKELS			10	LEGGITT MIGTS					
	TYPE OF W	EATHER CONDITIONS				FLIGHT PLAN					
	IFR				IFR						
	FIRE AFTE	R IMPACT									
3-1698	5/2/78 TIME - 13	EAST BOSTON, MA	PIPER PA-31 N66860 Damage-substantial	PX- 0	0 1 0 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D					
		G.MA CCIDENT	INTENDED DESTINATION EAST BOSTON,MA			OF OPERATION ING LEVEL OFF/TOUCHDOWN	RATED.				
	PROBABLE PILOT I		O TO ASSURE THE GEAR WA	S DOWN ANI	) LOC	KED					

FILE			AIRCRAFT DATA	F S M/		PILÜT DATA
	9/25/78 TIME - UN DEPARTURE BRIDGPO TYPE OF A	MONROE,MA NK/NR E POINT DRT,CT	CESSNA 310N N41210 DAMAGE-DESTROYED INTENDED DESTINATION ALBANY,NY	CR- 1 0 PX- 2 0		CUMMERCIAL, AGE 35, 3973 IUTAL HOURS, 252 IN TYPF, INSTRUMENT RATED.
	PILOT I FACTOR(S) PILOT I PILOT I MISCELL	N COMMAND - INADEG N COMMAND - CONTIN N COMMAND - ATTEMP N COMMAND - FAILED ANEOUS ACTS, CONDIT E - LOW CEILING	DUATE PREFLIGHT PREPARA NUED VFR FLIGHT INTO ADV TED OPERATION W/KNOWN ( TO FOLLOW APPROVED PRI IONS — IMPROPER EMERGE	VERSE WEATHER DEFICIENCIES DCEDURES, DIRE	CONDITIONS IN EQUIPMENT CTIVES, ETC.	
	VISIBILIT 1/4 MIL 0BSTRUCTI FOG WIND VELC 4 TYPE OF F	TION I/NOT REPORTED I/ AT ACCIDENT SITE LE OR LESS ONS TO VISION AT A CITY-KNOTS CLIGHT PLAN LANDING GEAR WOULD	CCIDENT SITE	200 PRECI NON WIND 70	PITATION AT ACCIDENT SITE IE DIRECTION-DEGREES OF WEATHER CONDITIONS	
3-3812	12/8/78 TIME - 08	HASTINGS,MN 330	CESSNA 402 N3600T DAMAGE-SUBSTANTIAL	CR- 0 0 PX- 0 0	1 COMMERCIAL O COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, FL.INSTR., AGE 28, 2350 TOTAL HOURS, 252 IN TYPE, INSTRUMENT RATED.
	MILWAUR TYPE OF A ENGINE	: POINT KEE,WI KCCIDENT FAILURE OR MALFUNC FO WITH AUTOMOBILE	MINNEAPOLIS, MN	IN	OF OPERATION FLIGHT NORMAL CRUISE DING LEVEL OFF/TOUCHDUWN	
	PILOT I MISCELL COMPLETE	IN COMMAND - MISMAN N COMMAND - INADEG ANEOUS ACTS CONDIT POWER LOSS - COMPL	NAGEMENT OF FUEL NUATE PREFLIGHT PREPARA TIONS - FUEL EXHAUSTION ETE ENGINE FAILURE/FLAN FORCED LANDING OFF AIRP	MENUT-2 ENGIN		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIE F S	S M / N	FLIGHT PURPOSE	PILUT DATA			
3-0175	2/13/78 TIME - 232	VICHY•MO 5	CESSNA 402 N122NQ DAMAGE-SUBSTANTIAI	CR- 0 0 PX- 0 0	1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	CUMMERCIAL, AGE 29, 2700 TOTAL HUURS, 1500 IN TYPE, INSTRUMENT RATED.			
	DEPARTURE CAPE GIRA	RPORT - ROLLA NATI POINT ARDEAU,MO	UNAL INTENDED DESTINATION							
	TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH SNOWBANK LANDING LEVEL OFF/TOUCHDUWN									
	PILOT IN PILOT IN FACTOR(S)	L - OPERATIONAL SU COMMAND - IMPROPE COMMAND - SELECTE	PERVISORY PERSONNEL DE IN-FLIGHT DECISIONS DE UNSUITABLE TERRAIN  S - AIRPORT CONDITIONS	OR PLANNIN	•	ERVISION OF FLIGHT CREW				
	. WEATHER	- ICING CONDITIONS	ONS - NOT ALIGNED WITH -INCLUDES SLEET,FREEZI	NG RAIN, ET	٥.					
			Y FLIGHT SERVICE PERSO LIGHTLY WORSE THAN FOR		DIC	)				
	SKY CONDIT				LINO	G AT ACCIDENT SITE				
		AT ACCIDENT SITE		PRECIPITATION AT ACCIDENT SITE  SNOW						
	FOG	NS TO VISION AT AC	CIDENT SITE	RELATIVE BEARING OF WIND RIGHT CROSS WIND 06A-112 DEGREES WIND DIRECTION-DEGREES						
	TEMPERATURE 26 WIND VELOC			3						
	5 TYPE OF FL				TYPE OF WEATHER CONDITIONS  IFR					
	IFR REMARKS- RI	JNWAY CONDITIONS B	RAKING ACTION POOR. 40	OFT SWATH O	V CE	ENTERLINE PLOWED. SNOW (	UP TO 20IN UN SIDES.			
3-0421	4/1/78 TIME - 144	KANSAS CITY•MO	PIPER PA-32 N4824S	CR- 0 0 PX- 0 0	1 4	COMMERCIAL COMMUTER AIR CARRIER	COMMERCIAL, AGE 48, 2213 TUTAL HOURS, 858 IN TYPE, NOT INSTRUMENT RATED.			
	NAME OF AIR	RPORT - KANSAS CIT	DAMAGE-SUBSTANTIAL Y INTL			AIR TAXI-PASSG S-D	NUT INSTRUMENT RATED.			
	KANSAS C	[TY•MO	INTENDED DESTINATION LAWRENCE, KS			OF COSCALLON				
	TYPE OF ACC	WITH RUNWAY OR A	PPROACH LIGHTS			DF DPERATION TO TAKEOFF				
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S)									
	PILOT IN		D ATTENTION FROM OPERA R OPENED DURING TAXI.	ATION OF AI	RCRA	AFT				

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ F	UR I E S	S M/N	FLIGHT PURPOSE	PILOT DATA
3-2400	1/5/78   TIME - 02	NR.MILES CLTY,MT	AERO COMDR 500B N6308U DAMAGE-DESTROYED	CR- PX-	1 0 0 0	0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	ATP, FLIGHT INSTR., AGE 30, 3414 TOTAL HOURS, 416 IN TYPE, INSTRUMENT RATED.
	DEPARTURE BILLING TYPE OF A	POINT I S•MT CCIDENT E FAILURE IN FLIGHT	NTENDED DESTINATION WOLF POINT, MT		LAS MI PHA	T EN LES SE O	ROUTE STOP CITY,MT IF OPERATION IGHI UNCONTROLLED DES	
	PILOT I FACTOR(S) ÁIRFRAM MISCELL MISCELL FIRE AFTE	N COMMAND - DIVERTED N COMMAND - EXCEEDED E - WINGS OTHER ANEDUS ACTS, CONDITIO ANEDUS ACTS, CONDITIO R IMPACT	ATTENTION FROM OPERATED STRESS LIM  NS - SEPARATION IN FINS - OVERLOAD FAILUR	ITS OF LIGHT E	AIRC	RAFI		DID CLMBC III 4000FT
	REMARKS-	rum ati+HIGH 3FD 3EF	M E MING OUTED SECT.	NIIE MA	ונ ר	<b>L</b> 1	JVK ONCIGHTED TERRAIN . K	FID CEMBS TO SOURT .
3-2838	9/6/78 TIME - 02	GREAT FALLS,MT 51	AERO COMDR 500B N6112X DAMAGE-DESTROYED	CR- PX-	1 0 0 0	0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	COMMERCIAL, FL.INSTR., AGE 27, 3166 TOTAL HOURS, 650 IN TYPE, INSTRUMENT RATED.
	DEPARTURE HELENA. TYPE OF A	IRPORT - GREAT FALLS POINT I MT CCIDENT ON WITH GROUND/WATER	NTENDED DESTINATION GREAT FALLS,MT				F OPERATION ING FINAL APPROACH	
	FACTOR(S) WEATHER WEATHER B	N COMMAND — IMPROPER — FOG RIEFING — BRIEFED BY	FLIGHT SERVICE PERS	ONNE L +	BY R	ADIO	)	
	WEATHER F		UBSTANTIALLY CORRECT		CEI	LING	G AT ACCIDENT SITE	
	OVERCAS VISIBILIT 1/2 MIL	T/LOWER SCATTERED Y AT ACCIDENT SITE E OR LESS			PRE N	800 CIPI ONE	TATION AT ACCIDENT SIT	E
	FOG	ONS TO VISION AT ACC CTION-DEGREES	IDENT SITE		5	9	TURE-F	
	300	EATHER CONDITIONS			TYP		FLIGHT PLAN	
		FAILED TO ESTAB ON A	PP CS, EXCESS SPEED, E	XCESS D			ATE, DESCENDED BELOW MI	NS.

FILE		AIRCRAFT DATA	E C 44/N DI	IGHT RPOSE	PILŪT DATA
	6/23/78 ASHLAND.NE TIME - 1220	AERO COMDR 680 N68685 DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMME PX- 0 0 0 COMMU AIR T	RCIAL TER AIR CARRIÉR AXI-CARGO S-D	AIRLINE TRANSPORT, AGE 38, 4100 TOTAL HOURS, 65 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT OMAHA.NE TYPE OF ACCIDENT ENGINE FAILURE DR MALFI WHEELS-UP	GRAND ISLAND, NE	PHASE OF OPER IN FLIGHT		
	PROBABLE CAUSE(S)  POWERPLANT - ENGINE STI MISCELLANEOUS ACTS.CONI COMPLETE POWER LOSS - COI EMERGENCY CIRCUMSTANCES - REMARKS- A PIN WHICH SEC	ITIONS - INTENTIONAL WHE MPLETE ENGINE FAILURE/FLA FORCED LANDING OFF AIRP	MEOUT-1 ENGINE ORT ON LAND	ULTING IN EXTENSIVE	ENGINE DAMAGE.
3-1917	8/8/78 LAS VEGAS,NV TIME - 1430	BEECH C45H N481E DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMME PX- 0 0 10 COMMU AIR T	RCIAL TER AIR CARRIER AXI-PASSG S-O	COMMERCIAL, AGE 54, 9169 TOTAL HOURS, 144 IN TYPE. INSTRUMENT RATED.
	NAME OF AIRPORT - MC CARE DEPARTURE POINT GRAND CANYON, AZ TYPE OF ACCIDENT GEAR RETRACTED		PHASE OF OPER LANDING RÛ	ATION	
	PROBABLE CAUSE(S) PILOT IN COMMAND - INAL REMARKS- GEAR RETRACTED	OVERTENTLY RETRACTED GEAR NSTEAD OF FLAPS.			,
3-1882	5/23/78 SYRACUSE,NY TIME - 0419		CR- 0 0 1 COMME PX- 0 0 1 COMMU AIR T		AIRLINE TRANSPORT, AGE 33, 5700 10TAL HOURS, 1850 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - SYRACUS DEPARTURE POINT SYRACUSE.NY TYPE OF ACCIDENT GROUND-WATER LOOP-SWERS COLLIDED WITH DITCHES	INTENDED DESTINATION ROCHESTER • NY	PHASE OF UPER TAKEOFF RU TAKEOFF RU	N	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAII REMARKS- PIC REPORTD PWR	ED TO MAINTAIN DIRECTION LOST ON RT ENGINE,NO MAL		ED 5000FT DRG TKUF.	WI & BAL NOT EST.

FILE	DATE LOCATION	AIRCRAFT DATA		FLIGHT PURPOSE	PILUT DATA
3-1211	TIME - 2350	ND BEECH UC45J N94460 DAMAGE-DESTROYED INTENDED DESTINATION FARGO,ND	PX- 0 0 0	COMMUTER AIR CARRIER	
	TYPE OF ACCIDENT COLLIDED WITH WIRES/	POLES		F OPERATION IGHT OTHER	
	PROBABLE CAUSE(S)				
	MISCELLANEOUS - UNDET REMARKS- PHASE OF OPERA				
3-4441		TION UNK.HIT PWR LINES.  DEHAVILLAND 114-2X N3FB	PX- 0 0 15	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	32, 3311 TOTAL HOURS, 908

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0641				F	S	M/N	FLIGHT PURPOSE	PILOT DATA			
.0461	2/17/78 / TIME - 2332	4IDDLETOWN•PA	255611 5106	CR- PX-	0 0	1 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	ATP, FLIGHT INSTR., AGE 40, 8070 TOTAL HOURS,			
	_	PORT - HARRISBURG	=								
		DINT N.PA	INTENDED DESTINATION								
	TYPE OF ACC		PITTSBURGHTPA		рыΛ	SE O	F OPERATION				
		TER LOOP-SWERVE					FF RUN				
	NOSE OVER						FF RUN				
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S)										
	AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS SNOW WINDROWS WEATHER - FOG										
	MISCELLANEOUS ACTS, CONDITIONS - WINDSHIELD, DIRTY, FOGGY, ETC RESTRICTED VISION										
	WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT										
	SKY CONDITIO	ON					AT ACCIDENT SITE				
	SCATTERED				-		IJED				
		AT ACCIDENT SITE					TATION AT ACCIDENT SITE				
	3 MILES OF		CIDENT CITE			ONE	E BEARING OF WIND				
	GROUND FO	S TO VISION AT AC	CIDENI SITE			A I I V A L M	E BEARING OF WIND				
	WIND VELOCI				_		WEATHER CONDITIONS				
	CALM					FR					
	TYPE OF FLIC		RD NEWLY FORMED GND FE								

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU	RIES	. / / /	FLIGHT	PILOT DATA
	7/5/78 TIME = 16	BEAUFORT,SC 15 IRPORT - BEAUFORT POINT TON,SC CCIDENT	PIPER PA-32 N9885K DAMAGE-DESTROYED	CR- 0 PX- 0	0 0 PHAS	1 4 E O	COMMERCIAL	CUMMERCIAL, AGE 29, 1320 TUTAL HUURS, 84 IN TYPF, INSTRUMENT RATED.
	PILOT IN FACTOR(S) PILOT IN PILOT IN AIRPORTS WEATHER WEATHER MEATHER MISCELL WEATHER BF	N COMMAND - MISJU N COMMAND - FAILE: N COMMAND - CONTI N COMMAND - SELEC S/AIRWAYS/FACILIT - RAIN - OBSTRUCTIONS T - THUNDERSTORM A ANEOUS ACTS.CONDI RIEFING - BRIEFED	CTIVITY	VERSE WE VE TO EX S WET R	A THE IST:	R C NG Y	DNDITIONS WIND	
	VISIBILIT  3 MILES OBSTRUCTION HAZE TEMPERATUR 78 WIND VELOG 6 TYPE OF FI	/NOT REPORTED Y AT ACCIDENT SIT OR LESS ONS TO VISION AT RE-F CITY-KNOTS LIGHT PLAN			PREC RA RELA TA WINI	OO IPI IN TIV IL D DI	AT ACCIDENT SITE  TATION AT ACCIDENT SITE SHOWERS, THUNDERSTORM E BEARING OF WIND WIND 158-202 DEGREES RECTION-DEGREES WEATHER CONDITIONS	

FILE	DATE	LOCATION	AIRCRAFT DATA		F	S	1/N	PURPOSE	PILOT DATA			
3 <b>-</b> 3737	9/19/78 TIME - 09	BLOUNTVILLE,TN 07	PIPER PA-31	CR-	0	0	1		COMMERCIAL, FL.INSTR., AGE 22, 1826 TUTAL HOURS, 158 IN TYPE, INSTRUMENT RAIEU.			
	DEPARTURE JOHNSON TYPE OF A	FAILURE OR MALFUNC	F OPERATION NG FINAL APPROACH NG LEVEL OFF/TOUCHDOWN									
	MISCELL MISCELL COMPLETE	CAUSE(S) N COMMAND - MISMAN, ANEOUS ACTS,CONDIT POWER LOSS - COMPLE CIRCUMSTANCES - FO										
3-4247	8/13/78 TIME - 16	AUSTIN,TX 43	SWEARINGEN SA226 N300TL DAMAGE-DESTROYED					COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 29, 4985 TOTAL HOURS, 815 IN TYPE, INSTRUMENT RATED.			
		IRPORT - ROBERT MUE POINT	ELLER INTENDED DESTINATION									
	SAN ANT	ONIO,TX	AUSTIN,TX		_			COSCATION.				
	TYPE OF A ENGINE GEAR RE	FAILURE OR MALFUNC	TION		۲	L	NDI	F OPERATION NG FINAL APPROACH NG ROLL				
	PILOT I PILOT I MISCELL PILOT I FACTOR(S) MISCELL PILOT I COMPLETE	PROBABLE CAUSE(S)  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL  MISCELLANEOUS ACTS.CONDITIONS - FUEL STARVATION PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED										
			DRCED LANDING ON AIRPO WING W 125GAL BFR 18M									

ILE	DATE	LUC ⊄⊥ I UN·	AIRCRAFT DATA	I N.	JUR =	IES S M	/N	PURPOSE	PILO3 DATA				
	9/7/78 TIME - 210	SAN ANTONIO,TX OO IRPORT - SAN ANTONI	CESSNA 1820 N735UR DAMAGE-SUBSTANTIAL O INTL	CR-	0	0	1 0	COMMERCIAL	CUMMERCIAL, AGE 24, 418 JUIAL HUURS, 16 IN TYPF, INSTRUMENT RATED.				
	CORPUS	DEPARTURE POINT INTENDED DESTINATION  CORPUS CHRISTI, TX SAN ANTONIO, TX  TYPE OF ACCIDENT											
	TYPE OF ACCIDENT  PHASE OF OPERATION  PHASE OF OPERATION  PHASE OF OPERATION												
	ENGINE FAILURE OR MALFUNCTION LANDING FINAL APPROACH												
	COLLIDED WITH WIRES/POLES LANDING FINAL APPROACH												
	PROBABLE CAUSE(S)												
	PROBABLE CAUSE(S)  PERSONNEL - MAINTENANCE.SERVICING.INSPECTION INADEQUATE MAINTENANCE AND INSPECTION												
	POWERPLANT - ENGINE CONTROLS INDUCTION AIR, PREHEAT CONTROLS												
	MISCELLANEOUS ACTS, CONDITIONS - DISCONNECTED												
	MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE												
	MISCELLANEOUS ACTS, CONDITIONS - ICE-CARBURETOR												
	FACTOR(S)												
	WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING												
	PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE												
	WEATHER BRIEFING - RECIEVED RECORDED BRIEFING BY LEMF RAULO												
	WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT												
	EMERGENCY	CIRCUMSTANCES - FO	RCED LANDING OFF AIRPO	ORT ON	LΑ	ND							
	SKY CONDI	TION			۲	ETI	TNC	AT ACCIDENT SITE					
	BROKEN	1 10/10				12		AT ACCIDENT SITE					
		Y AT ACCIDENT SITE						TATION AT ACCIDENT SITE					
		OR LESS						SHOWERS					
	DRSTRUCTI	ONS TO VISION AT AC	CIDENT SITE		Т	EMP	ERA	TURE-F					
	FOG					72							
	WIND DIRE	CTION-DEGREES	•		W	IND	٧E	_OCITY-KNOTS					
	50					7							
		EATHER CONDITIONS			Т	–		FLIGHT PLAN					
	VFR												

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	UR	IES		FLIGHT	PILUT DATA			
3-3978	12/20/78 TIME - 071	DALLAS,TX 1	PIPER PA-31 N27604 DAMAGE-DESTROYED	CR- PX-	0	0 4	1 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	CUMMERCIAL, FL.INSTR., AGE 44, 5310 TOTAL HOURS, 429 IN TYPE, INSTRUMENT RATED.			
	NAME OF AI DEPARTURE DALLAS•T TYPE OF AC ENGINE F COLLIDED	NTENDED DESTINATION OKLAHOMA CITY OK		Р	TΔ	K EO	F OPERATION FF INITIAL CLIMB NG LEVEL OFF/TOUCHDUWN					
	PERSONNE MISCELLA FACTOR(S)	PROBABLE CAUSE(S)  PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPERLY SERVICED AIRCRAFT (GROUND CREW)  MISCELLANEOUS ACTS, CONDITIONS - FUEL GRADE-IMPROPER FACTOR(S)  PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY, COMPANY MAINTAINED EQPMT, SERVICES, REGULATION										
	PARTIAL PO COMPLETE P EMERGENCY	OWER LOSS - COMPLET CIRCUMSTANCES - FOR	LOSS OF POWER - 1 EN E ENGINE FAILURE/FLA CED LANDING OFF AIRP	MEOUT-1 ORT ON	LΔ	ND		TANK VENT COVERS IMPRUPE	RLY MARKED.			
3-1315				CR- PX-	0 0	0	1 0	CUMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D	CUMMERCIAL, AGE 44, 2149 TUTAL HUURS, 363 IN TYPE, INSTRUMENT RATED.			
		ILLE.VA	NTENDED DESTINATION		P	PAS	FΛ	+ OPERATION				
	COLLISIO	COLLISION WITH GROUND/WATER CONTROLLED TAKEOFF ABORTED										
	PILOT IN FACTOR(S) PERSONNE AIRFRAME PERSONNE	PROBABLE CAUSE(S)  PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF  FACTOR(S)  PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)  AIRFRAME - FLIGHT CONTROL SURFACES ELEVATOR ASSEMBLY, ATTACHMENTS  PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN  EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.  SUSPECTED MECHANICAL DISCREPANCY										
	REMARKS- L		CH CONTROL PROBLEM OGNITION OF CONTROL	PROB. E	LE	v C	TMO	CABLE BINDING AGAINST L	IGHTENING HULE.			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	PURPOSE	PILOT DATA
3-1895	7/13/78	SEVERN,VA 46	PIPER PA-32 N3905W DAMAGE-SURSTANTIAL	CR- 0 0 1 PX- 0 0 3		COMMERCIAL, AGE 59, 2000 TUTAL HOURS, 110 IN TYPF, INSTRUMENT RATED.
	DEPARTURE		INTENDED DESTINATION			
	CALIFOR TYPE OF A	CCIDENT	NORFOLK + V A		F OPERATION	
	DITCHIN	FAILURE OR MALFUN G	IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN			
	MISCELL MISCELL FACTOR(S)	ANT - ENGINE STRU ANEOUS ACTS.CONDI ANEOUS ACTS.CONDI	CTURE MASTER AND CONNE TIONS - LACK OF LUBRICA TIONS - OVERHEATED	TION-SPECIFIC F		
	COMPLETE EMERGENCY	POWER LOSS - COMP CIRCUMSTANCES -	ETE ENGINE FAILURE/FLAM FORCED LANDING OFF AIRPI CRANK ARMS WERE DARK	MEOUT-1 ENGINE ORT ON WATER		
	REMARKS-	#5 CKANKPIN & BUT	T CRAINE ARMS WERE DAKE !	DLUE•		
3-3316	2/10/78 TIME - 16	RICHLAND,WA 50	BEECH 99 N199EA DAMAGE-DESTROYED	PX- 15 0 0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D	ATP,FLIGHT INSTR., AGE 28, 3250 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.
	DEPARTURE	IRPORT - RICHLAND POINT	INTENDED DESTINATION			
	RICHLAN TYPE OF A STALL		SEATTLE, WA		OF OPERATION OFF INITIAL CLIMB	
	PILOT I SYSTEMS SYSTEMS FACTOR(S) PERSONN PERSONN PERSONN PERSONN	N COMMAND - IMPRO N COMMAND - FAILE - FLIGHT CONTROL - FLIGHT CONTROL EL - OPERATIONAL EL - OPERATIONAL EL - OPERATIONAL	SUPERVISORY PERSONNEL I SERVICING, INSPECTION I	YING SPEED ELEVATOR TAB CO INDICATOR SYS INADEQUATE FLICE FAILURE TO PRODEFICIENCY, COMM	FEM  SHT TRAINING-PROCEDURES  VIUE ADEO.DIRECTIVES.MANU PANY MAINTAINED EOPMT,SER	
	FIRE AFTE	R IMPACT	TRIM WARNING SYST INOP	_		
	KCHAKK3-	HOKIC STAD DOLLOR	TICE WARRIED STOT THUF	•		

FILE	DATE		AIRCRAFT DATA	F	S M/N	PURPOSE	PILOT DATA				
	8/24/78 PUL TIME - 0949		BEECH B99	CR- O	0 2	COMMERCIAL	AIRLINE TRANSPÜRT, AGE 31, 6200 10TAL HOURS, 3200 IN TYPE, INSTRUMENT RATED.				
	DEPARTURE POINT PULLMAN, WA TYPE OF ACCIDEN ENGINE FAILU MISCELLANEOUS	NT RE OR MALEUN(	INTENDED DESTINATION WALLA WALLA•WA		KATED.						
	PROBABLE CAUSE(S)  POWERPLANT - TURBINE ASSEMBLY OTHER  MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE  COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE  EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPT.  REMARKS- REDUCTION GEAR.L ENG FAILED. TURBINE OVERSPEED.DISINTEGRATED & DMGD FUSELAGE. LND UK.										
3-0050	1/17/78 CLA TIME - 1606	RKSBURG,WV	REECH R99A N1924T DAMAGE-SURSTANTIAL	PX- 0	0 2 0 11	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-1)	26, 4850 TOTAL HOURS,				
	NAME OF AIRPOR DEPARTURE POIN CLARKSBURG. TYPE OF ACCIDE GROUND-WATER COLLIDED WITH	T V NT LOOP-SWERVE	INTENDED DESTINATION PITTSBURGH.P∆	PHASE OF OPERATION TAKEOFF RUN TAKEOFF RUN							
	PROBABLE CAUSE(S)  PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL  PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SUSH ON RUNWAY  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS UNMARKED OBSTRUCTIONS  REMARKS- CO-PILOT STATED ACFT ENTERED NEAR WHITE-OUT CONDITION.										

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES	FLIGHT PURPOSE	PILOT DATA
3-4476	12/29/78 L TIME - 0100  DEPARTURE PO FARGO.ND TYPE OF ACCI STALL MUS	YNDON STATION,WI  INT I  DENT	CESSNA 207 N1688) DAMAGE-SUBSTANTIAL NTENDED DESTINATION WHEELING,IL	CR- 0 0 1 PX- 0 0 0 LAST EN MILWA PHASE O	COMMERCIAL COMMUTER AIR CARRIER	CUMMERCIAL, AGE 26, 3307 TUTAL HOURS, 22 IN TYPE, INSTRUMENT RATED.
	MISCELLANE FACTOR(S) WEATHER — WEATHER BRIE WEATHER FORE	OMMAND - INITIATE OUS ACTS.CONDITIO  ICING CONDITIONS- FING - BRIEFED BY CAST - FORECAST S RCUMSTANCES - FOR	D FLIGHT IN ADVERSE WAS - AIRFRAME ICE -INCLUDES SLEET, FREEZ FLIGHT SERVICE PERSONALLY CORRECT CED LANDING OFF AIRPO FREEZ UNFAVORABLE WEA	ING RAIN,EIC. DNNEL, BY PHONE DRT ON LAND		
	5 OR OVER(	T ACCIDENT SITE UNLIMITED) TO VISION AT ACC	CIDENT SITE	900 PRECIPI SNOW	A ACCIDENT SITE TATION AT ACCIDENT SITE SHOWERS WEATHER CONDITIONS	
3-4304	NAME OF AIRE DEPARTURE PO ST CROIX. TYPE OF ACCI MISSING AI PROBABLE CAU MISCELLANE	ORT - HARRY S TRU JNT I SVI DENT RCRAFT.NOT RECOVE USE(S) OUS - UNDETERMINE	DAMAGE-DESTROYED JMAN NTENDED DESTINATION ST THOMAS,USVI	. PHASE O	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-D  F OPERATION NG FINAL APPROACH	COMMERCIAL, AGE 50, 5342 TOTAL HOURS, 24 IN TYPE, INSTRUMENT RATED.

FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JUR	IES	/ NI	FLIGHT	PILUT DATA		
		NR.RIO GRANDE,PR	DDUGLAS DC-3 N15598 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	3 2	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSC S-D	AIRLINE TRANSPURT, AGE 26, 3107 TUTAL HOURS, 965 IN TYPE, INSTRUMENT RATED.		
	ST.THO	MAS,VI ACCIDENT FAILURE OR MALFUNC	SAN JUAN, PR		Р	HAS IN	E O FL	F OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN			
	PROBABLE CAUSE(S)  PILOT IN COMMAND - MISMANAGEMENT OF FUEL  MISCELLANEOUS ACTS, CONDITIONS - INATTENTIVE TO FUEL SUPPLY  MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION  PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.  MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES  FACTOR(S)  PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING  PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION OF FLIGHT CREW  PERSONNEL - MAINTENANCE, SERVICING, INSPECTION INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)  MISCELLANEOUS ACTS, CONDITIONS - CHECKLIST-FAILED TO USE  MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER  COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES  EMERGENCY CIRCUMSTANCES - FORCED LANNING OFF AIRPORT (IN WATER  REMARKS- BOTH FUEL SELECTORS R MAIN, EMPTY, FUEL AVBL L TANKS.										
3-1823	4/27/78 TIME - 1	CULEBRA IS.PR 700	PIPER PA-31 N6772L DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-CARGO S-D			
	NAME OF A DEPARTURE UNKNOWN TYPE OF A UNDERSI COLLIDE	INTENDED DESTINATION CULEBRA IS.PR		Ρ	LΑ	NDI	F OPERATION NG FINAL APPROACH NG FINAL APPROACH	RATED.			
	PROBABLE CAUSE(S)  PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE  PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND  FACTOR(S)  WEATHER - WIND SHEAR  TERRAIN - HIGH OBSTRUCTIONS										
	SKY COND CLEAR VISIBILI 5 OR OV OBSTRUCT NONE		P T	UN REC NO EMP 84	LIM IPI NE ERA	AT ACCIDENT SITE ITED TATION AT ACCIDENT SITE TURE-F					
	20	OCITY-KNOTS FLIGHT PLAN			Т	YPE VFI		WEATHER CONDITIONS			

	DATE		AIRCRAFT DATA		C 4		FLIGHT PURPOSE	PILUT DATA
		R.ST THOMAS, VI	GRUMMAN G-21 N877A DAMAGE-DESTRAYED	CR- 2 PX- C	0	0 7	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-I	AIRLINE TRANSPURT, AGE 49. 14154 TÜTAL HÜURS, 5697 IN TYPE, INSTRUMENT RATED.
	DEPARTURE P ST JOHN, TYPE OF ACC ENGINE FA DITCHING	ST CROIX, VI		PHAS IN	E N	F OPERATION IGHT CLIMB TO CRUISE NG LEVEL OFF/TOUCHOOWN		
	MISCELLAN MISCELLAN MISCELLAN FACTOR(S) PERSONNEL PERSONNEL MISCELLAN COMPLETE PO	COMMAND - MISMAN HERUS ACTS.CONDIT HERUS ACTS.CONDIT HERUS ACTS.CONDIT  - OPERATIONAL S	RVISION OF FLIGHT CREW HI TRAINING-PROCEDURES	Å				
3~3993	TIME - 1435	PORT - SEA PLANE	N323 DAMAGE-SUBSTANTIAL BASE				COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-1)	CUMMERCIAL, AGE 45, 11500 TOTAL HOURS, 2733 IN TYPE, INSTRUMENT RATED.
	DEPARTURE F		INTENDED DESTINATION ST CROIX, VIRGIN IS					
	TYPE OF ACC	CIDENT ILURE OR MALFUNC	TION ER UNCONTROLLED		ΙN	FL	F OPERATION IGHT CLIMB TO CRUISE IGHT CLIMB TO CRUISE	

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR F	IES S M.	'N	FLIGHT PURPOSE	PILOT DATA			
3-3128	9/2/78 NR TIME - 1021	ST THOMAS,USVI	GRUMMAN G-21A N7777V DAMAGE-DESTROYED	CR- PX-	1 3	0 <b>7</b>	0	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-1)	AIRLINE TRANSPURT, AGE 69, 42005 TOTAL HOURS, 5233 IN TYPE, INSTRUMENT RATED.			
	DEPARTURE P ST CROIX. TYPE OF ACC ENGINE FA	OTNT USVI IDENT ILURE OR MALFUNCT	INTENDED DESTINATION ST THOMAS.USVI		P	HASI IN	ה FL	F OPERATION IGHT NORMAL CRUISE IGHT OTHER	NATED.			
	POWERPLAN MISCELLAN PILOT IN MISCELLAN FACTOR(S) PERSONNEL PERSONNEL PERSONNEL PERSONEL PARTIAL POME	. — MAINTENANCE, SEIT — ENGINE STRUCTI JECHIS ACTS, CONDITII COMMAND — IMPROPEE JECHIS ACTS, CONDITII . — OPERATIONAL SUI . — OPERATIONAL SUI . — RULES, REGULATII JECHIS ACTS, CONDITII JECHIS ACTS, CONDITII JER LOSS — PARTIAL JERCUMSTANCES — FOR	JRE CYLINDER ASSEMBL INS — FATIGUE ERACTUR R IN-FLIGHT DECISIONS INS — IMPROPER EMERGE PERVISORY PERSONNEL	Y E OR PL NCY PR INADEQ DEFICI EL O REST GINE ORT ON	ANN OCE UAT ENC IN	ING DUR E SE Y, CE	ES JPE JMP, TER	ANCE (MAINTENANCE PERSON RVISION UF FLIGHT CREW ANY MAINTAINED EOPMT, SER				
3-4200	11/5/78 NF TIME - 0939	R.ST CROIX U.S.V.I	• GRUMMAN G21A N74676 DAMAGE-SUBSTANTIAL	CR- PX-	0	0	1 2	CUMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-I	CUMMERCIAL, FL.INSTR., AGE 60, 8943 TOTAL HOURS. 443 IN TYPE, INSTRUMENT RATED.			
	NAME OF AIRPORT - W.SEAPLANE BASE DEPARTURE POINT INTENDED DESTINATION ST CROIX U.S.V.I. LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT NORMAL CRUISE OITCHING LEVEL OFF/TOUCHDOWN											
	PILOT IN PILOT IN PILOT IN FACTOR(S) MISCELLAN MISCELLAN COMPLETE PO	DITCHING  LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S)  PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT  PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING  PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL										

			AIRCRAFT DATA		F	SM	/N	FLIGHT PURPOSE	PILOT DATA
		IR.HPOLA.W SAMOA	CESSNA 402	CR <del>-</del> PX-	1	0	0	COMMERCIAL COMMUTER AIR CARRIER	CERTIFICATE UNKNOWN. AGE
	DEPARTURE PAGO PAG		INTENDED DESTINATION UPOLA:W SAMOA						
	TYPE OF AC							F OPERATION IGHT NORMAL CRUISE	
	REMARKS- I	NVESTIGATION UNDE	R THE JURISDICTION OF	THE GO	VER	.NME	NΤ	NF NEW ZEALAND.	
3-0767	3/1/78 TIME - 161	AGANA, GUAM O	CESSNA 337F N101SX DAMAGE-DESTROYED	CR- PX-	0	0 2	1	COMMERCIAL COMMUTER AIR CARRIER AIR TAXI-PASSG S-I	AIRLINE TRANSPURT, AGE 29. 4420 TUTAL HOURS, 156 IN TYPE, INSTRUMENT RATED.
		RPORT - GUAM INTL POINT AM	INTENDED DESTINATION ROTA:TT						(A) ED.
	TYPE OF AC ENGINE F COLLIDED		Р	TΔ	ΚEO	F OPERATION FF INITIAL CLIMB NG LEVEL OFF/TOUCHDOWN			
	MISCELLA FACTOR(S) WEATHER COMPLETE P	NT - LUBRICATING NEOUS ACTS, CONDIT - HIGH TEMPERATUR OWER LOSS - COMPL	SYSTEM PUMP-PRESSURE IONS - MATERIAL FAILUE E EE ENGINE FAILURE/FLA ORCED LANDING OFF AIRE	\MEOUT-			NĒ		
	SCATTERE	SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE				UN	LIM	AT ACCIDENT SITE ITED TATION AT ACCIDENT SITE	
	ORSTRUCTIO	R(UNLIMITED) INS TO VISION AT A	CCIDENT SITE		1		ERA	TURE-F	
	NONE WIND DIREC 110	TION-DEGREES				81 NIND 11	VE	LUCITY-KNOTS	
		ATHER CONDITIONS			1		OF	FLIGHT PLAN	

# PART 3 ON-DEMAND AIR TAXI ACCIDENTS

Accidents	
	5
Fatal 57 37 2	0
<u>Fatalities</u>	
	9
	1
Others $\frac{5}{2}$ $\frac{5}{2}$	0
Total 160 130 3	0
Aircraft Hours Flown 3,135,121	
Accident Rate Per 100,000 Hours Flown	
Total 6.89	
Fatal 1.82	

# ACCIDENTS, INJURIES ON-DEMAND AIR TAXI OPERATIONS

U.S. GENERAL AVIATION
1978

INJURIES

ý							
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT	50	20	24	124			218
COPILOT	3	3	2	15			23
DUAL STUDENT	_		1				1
CHECK PILOT			-				_
FLIGHT ENGINEER				•			
NAVIGATOR							
CABIN ATTENDANT	2		1	1			4
EXTRA CREW	1		1	- 3			5
PASSENGERS	99	42	48	_			422
PASSENGERS	99	42	40	233			422
TOTAL	155	65	77	376		ABOARD	673
TOTAL	199	69		510		ADUANU	015
★ OTHER AIRCRAFT	2		1	4			7
OTHER GROUND	2 3	3	1	2			9
OTHER GROUND		5	1	2			9
GRAND TOTAL	160	68	79	382			689

INVOLVES 216 TOTAL ACCIDENTS
INVOLVES 57 FATAL ACCIDENTS

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

# AIRPORT PROXIMITY BY WEATHER CONDITION WEATHER CONDITION

162 reigh hahmir actorates AIRPORT PROXIMITY RECURDS ACCIDENTS PERCENT ON AIRPORT 73 40.37 ON SEAPLANE BASE ON HELIPORT 2.75 ON BARGE/SHIP/PLATFORM 1.83 IN TRAFFIC PATTERN q 4.13 1 WITHIN 1/4 MILE 2.75 WITHIN 1/2 MILF 2.29 WITHIN 3/4 MILE 2 .92 2.75 WITHIN 1 MILE 6 WITHIN 2 MILES 8 3.67 WITHIN 3 MILES 1.83 •92 WITHIN 4 MILES WITHIN 5 MILES 1.38 BEYOND 5 MILES 47 17 30.28 UNKNOWN/NOT REPORTED 3.67 RECORDS 218 ACCIDENTS 48 216 162

75.2 22.0

PERCENTS

### TYPE OF AIRCRAFT AND CONDITIONS OF LIGHT

### CONDITIONS OF LIGHT

TYPE OF FLIGHT PLAN	Dand Daticht Hich Hich Japt Brent halete	RECURUS ACCIDENTS PERCENT
NONE	2 68 6 16 1 1	94 93 43.12
VFR	2 43 5 3 2	55 54 25.23
IFR	2 22 2 28 4	58 58 26.61
CONTROLLED VER		
IFR (VFR CONDITIONS ON TOP)		
TOWER EN ROUTE CONTROL SERVICE		
DVFR		
VER FLIGHT FOLLOWING SERVICE		
SPECIAL VER	1	1 1 .46
OTHER .	1 5 1 1	8 8 3.67
UNKNOWN/NOT REPORTED	1 1	2 2 .92
	•	
RECORDS	7 139 14 50 7 1	218
ACCIDENTS	7 137 14 50 7 1	216
PERCENTS	3.2 63.8 6.4 22.9 3.2 .5	

### FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

### AIRCRAFT DAMAGE

	AIRCRAIT DAMAGE		
FIRST TYPE OF ACCIDENT	OESTO SUPS CHINA TO HE	RECURUS	ACCIDENTS PERCENT
GROUND-WATER LOOP-SWERVE	12	12	12 5.50
DRAGGED WINGTIP POD OR FLOAT	1	1	1 .46
WHEELS-UP LANDING	5	5	5 2.29
WHEELS-DOWN LANDING IN WATER			
GEAR COLLAPSED	6	6	6 2.75
GEAR RETRACTED	8	8	8 3.67
HARD LANDING	. 1 1	2	2 •92
NOSE OVER/DOWN	10	10	10 4.59
RALL OVER			
OVERSHOOT	2 8	10	10 4.59
UNDERSHOOT	1 5	6 .	6 2.75
COLLISION BETWEEN AIRCRAFT			
BOTH IN FLIGHT	1	1	1 .46
ONE AIRBORNE			
BOTH ON GROUND	6 2	Я	6 3.67
COLLISION WITH GROUND/WATER			
CONTROLLED	19 10	29	29 13.30
UNCONTROLLED	8 3	11	11 5.05
COLLIDED WITH			
WIRES/POLES	3	3	3 1.38
TREES	5	5	5 2.29
RESIDENCE/S			
BUILDING/S			
FENCE, FENCEPOSTS	1 1	2	2 .92
ELECTRONIC TOWERS	1	1	1 .46
RUNWAY OR APPROACH LIGHTS	1	1	1 .46
AIRPORT HAZARD	1	1	1 .46
ANIMALS			
CROP			
FLAGMAN LOADER			
DITCHES			
SNOWBANK	4	4	4 1.83
PARKED AIRCRAFT (UNATTENDED)	1	1	1 .46
AUTOMOBILE	4	4	4 1.83
DIRT BANK	1	1	1 .46
OTHER	3 8	11	11 5.05

# FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

### AIRCRAFT DAMAGE

	o jak	<u></u>		
FIRST TYPE OF ACCIDENT	DESTROYED STANTAL NO.	Jul.	RECURDS	ACCIDENTS PERCENT
BIRD STRIKE				
STA1,L	1 2		3	3 1.38
SPIN				
SPIRAL	2		2	2 +92
MUSH	1 3		4	4 1.83
FIRE OR EXPLOSION				
IN FLIGHT	4		4	4 1.83
UN CKUNNÜ	1		1	1 •46
AIRERAME FAILURE				
IN FLIGHT				
UN CEUTIND				•
ENGINE TEARAWAY				
ENGINE FAILURE OR MALFUNCTION	14 23		37	37 16.97
PROPELLER/ROTOR FAILURE				
PROPELLER	1		1	1 •46
TAIL ROTOR	3 3		6	6 2.75
MAIN ROTOR	? 2		4	4 1.83
PROP ROTOR ACOUT TO PERSON				
JET INTAKE/EXH ACONT TO PERS				
PROPELLER/JET/ROTOR BLAST	1		1	1 •46
TURBULENCE	4		4	4 1.83
HAIL DAMAGE TO AIRCRAFT				
LIGHTNING STRIKE	1		1	1 •46
EVASIVE MANEUVER				
UNCONTROLLED ALT DEVIATION				
DITCHING				
MISSING ACFT NOT RECOVERED	3		3	3 1.38
MISCELLANEOUS/OTHER	2		2	2 •92
UNDETERMINED	2		2	2 •92
RECORDS	79 137 2		218	
ACCIDENTS	79 136 2			216
PERCENTS	36.2 62.8 .9 .0			

### FIRST PHASE OF OPERATION BY INJURY INDEX

### INJURY INDEX

FIRST ATIONAL PHASE	ED,	Sex	WIL	404¢				RECURDS	ACCIDENTS	PERCEN
STATIC										
STARTING ENGINE/S				2				. 2	2	•92
IDLING ENGINE/S			1	1				2	2	•92
ENGINE RUNUP										
IDLING ROTORS				1				1	ı	. 46
PARKED-ENGINES NOT OPERATING										
OTHER										
TAXI										
TN TAKENEE				11			•	11	11	5.05
FROM LANDING				4				4	4	1.83
NTHER										
GROUND TAXI TO TAKEOFF								-		
GROUND TAXI FROM LANDING										
GROUND TAXI, OTHER										
AERIAL TAXI TO TAKEDEE										
AERIAL TAXI TO/FROM LANDING										
AERIAL TAXI, OTHER										
TAKENFF										
RIN		2	4	7				13	13	5.96
INITIAL CLIMR	В	5	2	4 '				19	19	8.72
VFRTICAL			1	2				3	.3	1.38
RUNNING (ROTORCRAFT/VIOL-SIDL)										
ABORTED (FIXED-WING)				4				4	4	1.83
ARORTED (ROTORCRAFT/VTOL)										
ABORTÈD (ROTORCRAFT/STOL)		1						1	1	.46
NTHER										
INELIGHT										
CLIMB TO CRUISE	1			3				4	4	1.83
NORMAL CRUISE	14	7	6	18				45	45 2	0.64
DESCENDING	5		2	3				10	10	4.59
HUFDING (IEK)										
HOVERING	1		1	1				3	3	1.38
POWER-ON DESCENT (ROTORCRAFT)										
AUTOROTATIVE DESCENT										
ACROBATICS										
BUZZING										

### FIRST PHASE OF OPERATION BY INJURY INDEX

### INJURY INDEX

FIRST ATIONAL PHASE	EPT	SER	WIL	40 NE				RECURDS	ACCIDE	NTS P
UNCONTROLLED DESCENT	6	ı						7	7	3.2
EMERGENCY DESCENT								4		
LOW PASS	1							1	1	• 46
NTHER	3							3	3	1.36
EN ROUTE TO TREAT CROP										
FN 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						2	2	.97
FINAL APPROACH (VFR)	6	4		4				14	14	6 • 4
INITIAL APPROACH			1					1	1	. 46
FINAL APPROACH (IFR)	4	1		1				6	6	2.7
LEVEL OFF/TOUCHDOWN		1	2	18				21	21	9.6
ROLL (FIXED WING)			4	22				26	26	11.9
ROLL-ON/RUN-ON (ROTORCRAFT)										
POWER-ON LANDING (ROTORCRAFT)	1		1	2				4	4	1 • 8
POWER-OFF AUTOROTATIVE LDG							•			
GO-AROUND (VFR)				3				3	3	1.38
MISSED APPROACH (IFR)	1		1					2	2	• 92
OTHER		3						1	1	• 4
UNKNO⊎N/NOT REPORTED	5							5	5	2.29
RECORDS	57	24	26	111				218		
ACCIDENTS	57	24	26	109					216	

#### ON-DEMAND AIR TAXI ACCIDENTS

### U.S. GENERAL AVIATION

#### (EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES

216 TOTAL ACCIDENTS

I∿VOLVES

57 FATAL ACCIDENTS

	FAT	AL ACCID	ENTS	NONFA	TAL ACCI	DENTS	ALL ACCIDENTS		
BROAD CAUSE/FACTOR	C AU SE	FACTOR	TO TAL #	CAUSE	FAC TOR	TUTAL#	CAUSE	FACTUR	TOTAL#
PILOT	40 70.18	8.77	41 71.93	112 70.44	9 5 • 66	113 71.07	152 70.37	14 6.48	154 71•30
PERSONNEL	5 8.77	4 7.02	8 14•04	23 14.47	9 5.66	30 18.87	28 12.96	13 6.02	38 17•59
A I R FR AME	1 1•75	1 1•75	2 3•51	•00	1 .63	1 .63	1 •46	2 •93	3 1•39
LANDING GEAR	.00	.00	.00	15 9.43	1 •63	16 10.06	15 6.94	1 •46	16 7•41
POWERPLANT	4 7.02	1 1•75	5 8.77	19 11.95	4 2 •52	21 13.21	· 23 10.65	5 2•31	26 12•04
SYSTEMS	1 1•75	.00	1 1.75	1 •63	2 1.26	3 1.89	2 •93	2 •93	4 1 •85
INSTRUMENTS/FOULPMENT & ACCESSORIES	•00	1 1.75	1 1.75	.00	•00	•00	•00	1 •46	1 •46
RDTORCRAFT -	3 5 • 26	•00	3 5.26	5 3.14	•00	5 3.14	8 3.70	•00	8 3.70
AIRPORT/AIRMAYS/FACILITIES	•00	•00	•00	2 1.26	18 11.32	20 12.58	2 •93	18 8.33	20 9•26
WEATHER	2 3•51	24 42•11	25 43.86	5 3.14	38 23.90	43 27.04	7 3.24	62 28.70	68 31•48
TERRAIN	1 1•75	5 8.77	6 10.53	7 4•40	19 11.95	26 16.35	8 3.70	24 11•11	32 14•81
MISCELLANEOUS	3 5•26	•00	3 5.26	5 3•14	2 1.26	7 4•40	8 3.70	2 •93	10 4.63
UNDETERMINED .	8 14.04	•00	8 14.04	5 3.14	•00	5 3.14	13 6.02	.00	13 6.02

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

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

### ON-DEMAND AIR TAXI ACCIDENTS

### U.S. GENERAL AVIATION 1978

### (EXCLUDES ACCIDENTS WITHOUT CAUSAL ASSIGNMENT)

INVOLVES

216 TOTAL ACCIDENTS

INVOLVES

57 FATAL ACCIDENTS

	FAT	AL ACCID	ENTS	NONFA	TAL ACCI	DENTS	ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	FAC TOR	TO TAL	CAUSE	FAC TOR	TUTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT		1	1	2		. 2	2	,	2
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	2	1	2	1		1	2 3	1	3 3
CONTINUED VER FLIGHT INTO ADVERSE WEATHER CONDITIONS CONTINUED INTO KNOWN ARFA OF SEVERE TURBULENCE	· 18		18 1	8		8	26		26 1
DELAYED ACTION IN ABORTING TAKEOFF	1		1	3		3	3		3
DFLAYED IN INITIATING GO-ARDUND DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT	1		1	6		6	7		7 4
FAILED TO EXTEND LANDING GEAR				2		2	2		2
FAILED TO RETRACT LANDING GEAR INADVERTENTLY RETRACTED GEAR				1		1 3	1		1 3
FAILED TO SEE AND AVOID OTHER AIRCRAFT	1		1	1		1	2		2
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS			2	2		2	2		2
FAILED TO OBTAIN/MAINTAIN FLYING SPEED FAILED TO MAINTAIN ADEQUATE ROTOR BPM	3		3	3		.5 3	3		8 3
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT	1		1				1		1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS	1		1	8 4	1	9 4	4	1	10
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS	_			3		3	3		3
IMPROPER OPERATION OF FLIGHT CONTROLS PREMATURE LIFT OFF	1		1	1 3		1	2		2
IMPROPER LEVEL OFF				3		3	3		3
IMPROPER IFR OPERATION IMPROPER IN-FLIGHT DECISIONS OR PLANNING	4 8		4 8	3 10	1	3 11	7 18	1	7 19
IMPROPER COMPENSATION FOR WIND CONDITIONS				4		4	4		4
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING INADEQUATE SUPERVISION OF FLIGHT	4		4	14 1	2	16 1	18 2	2	20 2
LACK OF FAMILIARITY WITH AIRCRAFT	-		•	_	1	1	-	1	1
MISMANAGEMENT OF FUEL EXERCISED POOR JUDGMENT	1		1	10 2		10 2	11 2		11 2
OPERATED CARELESSLY					1	1		1	1
SELECTED UNSUITABLE TERRAIN IMPROPER STARTING PROCEDURES		1	1	8 1	. 1	9 1	8 1	2	10 1
TAXIED/PARKED WITHOUT PROPER ASSISTANCE				î		i	i		î
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS		1	1	3		3 3	3	1	3
SPONTANEOUS-IMPROPER ACTION	1		1	,			1	1	1
MISJUDGED DISTANCE AND SPEED MISJUDGED DISTANCE AND ALTITUDE	1		1	9		9 6	10		10 6
MISJUDGED SPEED AND CLEARANCE				2		2	2		2
MISJUDGED ALTITUDE AND CLEARANCE MISJUDGED ALTITUDE	2		2	3		3 4	5		5 4
MISJUDGED CLEARANCE	2		2	3		3	5		5
INCAPACITATION PHYSICAL IMPAIRMENT	1 1	1	1 2				1	1	1 2
SPATIAL DISORIENTATION	4	1	4	3		3	7	1	7
PSYCHOLOGICAL CONDITION MISUSED OR FAILED TO USE FLAPS	1		1	3	1	1 3	4	1	1
FAILED TO MAINTAIN DIRECTIONAL CONTROL	1		1	5		5	5		5
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND FAILED TO ABORT TAKEOFF				4		4	4		4
FAILED TO INITIATE GO-AROUND				3	1	4	3	1	4
SUBTOTAL	60	4	64	. 172	9	181	232	13	245
COPILOT									
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC MISJUDGED DISTANCE AND ALTITUDE	1		1		1	1	1	1	1
SPATIAL DISORIENTATION	1	1	1				1	1	1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				1		1	. 1		1
SUBTOTAL	1	1	2	1	1	2	2	2	4

		AL ACCID			TAL ACCI		AL	L ACCIDE	NTS
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	FAC TOR	TOTAL	CAUSE	FACTOR	TOTAL
** PERSONNEL **									
RULES, REGULATIONS, STANDARDS PERSONNEL FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE(MAINTENANCE PERSONNEL)				4	2	6	4	2	6
IMPROPERLY SERVICED AIRCRAFT (GROUND CREW) INADEQUATE INSPECTION OF AIRCRAFT (MAINTENANCE PERSONNEL)				1	1	1 2	1	1	1 2
INADEQUATE MAINTENANCE AND INSPECTION  OPERATIONAL SUPERVISORY PERSONNEL	2		2	3	i	4	5	1	6
INADEQUATE FLIGHT TRAINING-PROCEDURES INADEQUATE SUPERVISION OF FLIGHT CREW		1	1	1	1	2	1	1	1 2
FAILURE TO PROVIDE ADEO DIRECTIVES, MANUALS, EQUIPMENT DEFICIENCY, COMPANY MAINTAINED EWHT, SERV, REGULATIONS		2	2	î 1	î 1	2	1	1 3	2
WEATHER PERSONNEL TRAFFIC CONTROL PERSONNEL		2	_	•	•	Ē		.,	7
FAILURE TO ADVISE OF UNSAFE AIRPORT CONDITION AIRPORT SUPERVISORY PERSONNEL				1		1	1		1
IMPROPER MAINTENANCE-AIRPORT FACILITIES FAILURE TO NOTIFY OF UNSAFE COND/AND OR FAILURE TO MARK				1	1	1 1	1	1	1 1
IMPROPER/INADEQUATE SNOW REMOVAL AIRWAYS FACILITIES PERSONNEL				1	•	1	1	•	î
PRODUCTION-DESIGN-PERSONNEL SUBSTANDARD QUALITY CONTROL	1		1				1		1
POOR/INADEQUATE DESIGN : MISCELLANEOUS-PERSONNEL	*		•		2	2	1	2	2
PILOT OF OTHER AIRCRAFT PASSENGER	1		1 1	4		4	5 1		5 1
DRIVER OF VEHICLE OTHER	•	2	2	4 1		4 1	4	2	4 3
THIRD PILOT FLIGHT ENGINEER		_	_	,		•	•	-	,
FLIGHT PERSONNEL DISPATCHING (AIR CARRIER ONLY)									
SUBTOTAL	5	5	10	24	10	34	29	15	44
** AIRFRAME **	_	,		2.	• •	.,	-,	1,	
WINGS									
WINGTIPS FUSELAGE					1	1		1	1
LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				3		3	3		3
NORMAL RETRACTION/EXTENSION ASSEMBLY EMERGENCY/EXTENSION ASSEMBLY				4	1	4 1	4	1	4 1
BRAKING SYSTEM (NORMAL) GEAR LOCKING MECHANISM				5 3		. 3	5 3		· 3
FLIGHT CONTROL SURFACES AILERON, SURFACES ATTACHMENTS	_	1	1					1	1
OTHER	1		1				1		1
SUBTOTAL	1	1	2	15	2	17	16	3	19
** POWERPLANT **									
ENGINE STRUCTURE CRANKSHAFT	,		,	1		1	1		1
MASTER AND CONNECTING RODS PISTON, PISTON RINGS	1 1		1 1				1 1		1
IGNITION SYSTEM MAGNETOES	1		1	2 1	1	3 1	3	1	4
SPARK PLUG FUEL SYSTEM				_		-	1		1
LINES AND FITTINGS FUEL INJECTION SYSTEM				1	1	1 1	1	1	1 1
LUBRICATING SYSTEM COOLING SYSTEM									
PROPELLER AND ACCESSORIES BLADES BLADES				1		1	1		1
EXHAUST SYSTEM MANIFOLDS				,	1	1	,	1	1
STACKS EXTERNAL SUPERCHARGER	1		1	1		1	1		1
OTHER ENGINE ACCESSORIES VACUUM PUMPS		1	1	1		1	1	,	1
VACUUM PUMPS		1	1					1	1

POWERPLANT (CONTINUED)	FA1	AL ACCIO	ENTS		ATAL ACCI		ALL ACCIDENTS			
DETAILED CAUSE/FACTOR		FAC TOR			FACIOR	TUTAL	CAUSE	FACTOR	TOTAL	
POWER LANT-INSTRUMENTS POWER INDICATORS				1	1	1	1		1	
FUEL QUANTITY GAUGE MISCELLAMEDUS POWERPLANT FAILURE FOR UNDETERMINED REASONS	1		1	10	1	1 10	11	1	1	
REDUCTION GEAR ASSEMBLY COMPRESSIN ASSEMBLY COMBUSTION ASSEMBLY TURBINE ASSEMBLY										
ACCESSORY DRIVE ASSEMBLY LUBRICATING SYSTEM FUEL SYSTEM				:		,				
FIIEL CONTROL SAFETY SYSTEM IGNITION SYSTEM TORQUEMETER				1		1	1		1	
AIR BLEED EXHAUST SYSTEM THRUST REVERSFR PROPELLER SYSTEM										
CONSTANT SPEED DRIVE POWER LEVER PROPELLER LEVER REVERSE THRUST LEVER ENGINE INDICATING EQUIPMENT										
ENGINE INSTALLATION										
SUBTOTAL	5	1	6	20	4	24	25	5	30	
** SYSTEMS **										
ELECTRICAL SYSTEM RELAYS AND WIRING HYDRAULIC SYSTEM SEALS				1	1 1	2	1	1	2	
FILENT CONTROL SYSTEMS ELEVATOR AND ELEVATOR TAB CONTROL SYSTEM ANTI-ICING, DE-ICING SYSTEMS AIR CONDITION, HEATING AND PRESSURIZATION AUTO PILOT	1		1		1	1	1	1	1	
FIRE WARNING SYSTEM FIRE EXTINGUISHER SYSTEM DXYGEN SYSTEM DTHER SYSTEMS										
SUBTOTAL	1		1	1	2	3	2	2	4	
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **										
FLIGHT AND NAVIGATION INSTRUMENTS COMMUNICATIONS AND NAVIGATION EQUIPMENT TRANSMITTERS AND/OR RECFIVERS MISCELLANEOUS EQUIPMENT		1	1					1	1	
SUBTOTAL		1	1					1	1.	
** ROTORCRAFT **										
ROTOR ASSEMBLIES MAIN ROTOR BLADES TAIL ROTOR BLADES UNIVERSAL JOINTS, COUPLINGS	1		1	1 1 1		1 1 1	2 1 1		2 1 1	
NTHER TR∆NSMISSION ROTOR DRIVE SYSTEM	1		1				1		1	
MAIN ROTOR DRIVE SHAFT MAIN ROTOR PULLEYS, BELTS FLIGHT CONTROL SYSTEMS				1 1		1	1 1		1 1	
TAIL ROTOR PITCH CONTROL SYSTEM MISCELLANEOUS UNITS AND ASSEMBLIES	1		1				1		1	
SUBTOTAL	3		3	5		5	8		8	

\*\* AIRPORTS/AIRWAYS/FACILITIES \*\*

AIRPORT FACILITIES

AIRPORTS/AIRWAYS/FACILITIES (CONTINUED)		AL ACCID			TAL ACCI		ALL ACCIDENTS		
DETAILED CAUSE/FACTOR		FACTOR			FACTUR	101AL	CAUSE	FACTOR	TOTAL
RUNWAY LIGHTING AIRPORT CONDITIONS WET RUNWAY ICE/SLUSH ON RUNWAY SNOW ON RUNWAY SNOW WINDROWS UNMARKED OBSTRUCTIONS POORLY MAINTAINED RUNWAY SURFACE SOFT RUNWAY OTHER AIRWAYS FACILITIES				1 1 1	4 2 4 4 1 1 3 2 1	4 2 5 4 1 1 4 3	1 1	2 4 4 1 1 3 2	4 2 5 4 1 1 4 3 1
SUBTOTAL				3	22	25	3	22	25
** WEATHER **									
LOW CEILING RAIN FOG SNOW ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC CONDITIONS CONDUCIVE TO CARB/INDUCTION SYSTEM ICING UNFAVORABLE WIND CONDITIONS WIND SHEAR SUDDEN WINDSHIFT TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS ONWNDRAFTS, UPDRAFTS LIGHTNING STRIKE HIGH DENSITY ALTITUDE THUNDERSTORM ACTIVITY	1 1	18 7 11 1 1 2 1	18 7 11 1 1 1 1 3 1	1 1 2	11 4 13 5 3 4 9 1	11 4 13 6 4 4 11 1 2 1	1 . 1 2 1 1	29 11 24 6 4 4 9 2 2 2 2	29 11 24 7 5 4 11 1 2 3 2 1 2
OTHER SUBTOTAL	3	43	46	5	55	60	. 8	98	106
** TERRAIN **	,	73	40	,	,,,	00	Ü	,,	100
WET, SOFT GROUND SNOW-COVERED HIGH VEGETATION HIDDEN OBSTRUCTIONS ROUGH/UNEVEN ROUGH WATER GLASSY WATER HIGH OBSTRUCTIONS OTHER	1	1 1 3	1 1 3 1	1 1 1 2 2	1 3 3 2 2 1 6 1	2 3 3 1 3 2 1 8 3	1 1 1 2 3	1 3 3 2 2 9	2 3 3 1 4 2 2 11 4
SUBTOTAL	1	5	6	7	19	26	8	24	32
** MISCELLANEOUS **  FOREIGN OBJECT DAMAGE SMOKE IN COCKPIT FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS UNDETERMINED VORTEX TURBULENCE PROP/JET/ROTOR "ALAST EVASIVE MANEUVER TO AVOID COLLISION DIRECT ENTRIES	1 8 1		1 8 1	1 5 2 1 1	1 1	1 1 5 2 1	1 13 3 1 1 1	1	1 1 2 13 3 1 1
SUBTOTAL	11		11	10	2	12	21	2	23
GRAND TOTAL	91	61	152	263	126	389	. 354	1,87	541
** MISCELLANEOUS ACTS, CONDITIONS **									
FIRE OF UNDETERMINED ORIGIN PREVIOUS DAMAGE CIRCUIT AREAKER POPPED ARCING DOMMNIND OVER TOROUED LOOSE, PART/FITTING DETERIORATED DISCONNECTED ERRATIC	1 1		1 1	1 1 1 1	1 1 1 6 2	1 2 1 1 6 1 3 1 1	1 2 1 1	1 1 1 6 2	1 3 1 1 6 1 4 1 1
IMPROPERLY INSTALLED	i		ī	1	-	ĩ	Ž	-	2

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)	FATAL ACCIDENTS NONFATAL ACCIDENTS			ALL ACCIDENTS					
DETAILED CAUSE/FACTOR	CAUSE	FACIOR	INTAL	CAUSE	FACTOR	101AL	CAUSE	FACTOR	TOTAL
OVERHEATED	1		1		· 1	1	1	1	2
EXCESSIVE PRESSURE			-		1	1		i	í
PRESSURE, NOME				1	*.	î	. 1		î
VIBRATION, EXCESSIVE				ī		ī	í		ī
ICE-INDUCTION				1		1	1		1
INTENTIONAL GROUND-WATER LOOP-SWERVE				1	2	3	1	2	3
INTENTIONAL WHEELS UP				1	2	3	1	2	3
RAN OFF END OF RUNWAY					11	11		11	11
ALTIMETER SETTING-INCORRECT					1	1		1	1
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE	1		1	3		3	4		4
CREW COORDINATION-POOR					1.	. 1		1	1 ,
DISREGARD OF GOOD OPERATING PRACTICE				1	3	4	1	3	4
IMPROPER EMERGENCY PROCEDURES	2		2	3	2	5	5	2	7
INSTRUMENTS-MISREAD OR FAILED TO READ				1		1	1		1
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA	_		_	1		1	1		1 ,
UNWARRANTED LOW FLYING	1	4	5			_	1	4	5
FAILED TO EXTEND THE LANDING FLAPS				1		1 2	1		1 2
FAILED TO USE ALL AVAILABLE RUNWAY				1	1	2	. 2	1	3
INATTENTIVE TO FUEL SUPPLY	,	. 1	1 2	2.	1	1	1	1 2	3
FLFW INTO BLIND CANYON POORLY PLANNED APPROACH	1	. 1	2		1	1	ı	í	î
MISCALCULATED FUEL CONSUMPTION				3	1	3	3	ı.	3
IMPROPERLY SECURED				2	1	3	2	. 1	3
ELECTRICAL FAILURE				_	î	í	_	. 1	ĩ
FATIGUE FRACTURE	1		. 1	4	•	4	. 5		Š
FUEL GRADE-IMPROPER	•			1		1	1		1
HYDRAULIC FAILURE				3	1	4	3	1	4
WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION					1	1		1	1
WRONG PART					1	1		1	1
IMPROPER ALIGNMENT/ADJUSTMENT	1		1				1		1
FAILURE OF TWO OR MORE ENGINES					2	2		2	2
SEPARATION IN FLIGHT		2	2		2	. 2		4	4
FIRE IN CABIN/ COCKPIT/ BAGGAGE COMPARTMENT					1	1		1 -	1
FIRE IN ENGINE					1	1		1	1
CORRODED/CORROSION				1		1	1		1
CARGO SHIFTED	,			1		1	1		1
PILOT FATIGUE	1		1	9		9	1		1 10
FUEL EXHAUSTION	1 1	1	1 2	4		9	10	1	2
ALCOHOLIC IMPAIRMENT OF EFFICIENCY AND JUDGMENT ICE-IN FUEL	1	1	1				1		ĩ
ICE-ENGINE			1	1		1	1		i
ICE-CARBURETOR				2		2	2		2
AIRFRAME ICE				2	1	3	2	1	3
ICE-WINDSHIELD				. 2	3 .	5	2	. 3	5
IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR CG				2	2	4	2	2	4
INTERFERENCE WITH FLIGHT CONTROLS	2		2				2		2
WHITEOUT		2	2	1	1	2	1	3	4
SUNGLARE					1	1		1	1
LACK OF LUBRICATION-SPECIFIC PART. NOT SYSTEM				1		1	1		1
WATER IN FUEL	2		2		4.2		2		2
AIRCRAFT CAME TO REST IN WATER		10	10		10	10		20	20
MISSING				1	_	1	1	_	1
HYDROPLANING ON WET RUNWAY				,	2	2	,	2	2
OVERLOAD FAILURE	2	1	2	1 13	11 1	12 14	1 15	11	12
MATERIAL FAILURE FUEL STARVATION	1	1	.3 1	1.5	1	14	2	?	2
IMPROPER CLEARANCE-TOLERANCE	1		1	1			1		í
LEER OF EN OF LAKANGETTULE KANGE	1		1				. 1		

DIRECT ENTRY CAUSES

MISC- UNDETERMINED LOSS OF AIRCRAFT CONTROL.

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

# U.S. GENERAL AVIATION 1978 (IN FILE ORDER SEQUENCE)

	FILE NUMBER	AIRCRAF	DATE	LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX
3	0013	N5080J	011278	MUSCATINE, IA	CESSNA	310R	NONE
3	0033	N1BE	012478	DUBDIS, PA	AERNSTAR	601P	FATAL
3	0038	N9724C	021778	FORT SMITH, AR	CESSNA	3100	SERIOUS
3	0041	N5420F	012278	LAUREL,MD	PIPER	PA-32R	SERIOUS
3	0149	N121VC	011678	SCAMMON BAY.AK	PIPER	PA-31	NONE
3	0168	N98DK	011678	CINCINNATI. OH	LEAR JET	240	NONE
3	0260	N87977	020878	QUILLAYUTE, WA	HILLER ACFT	UH-12D.	NONE
3	0264	N1454T	011778	NBARROW.AK	DEHAVND CAN	DHC-2	NONE
3	0276	N7451L	020878	BLUFFTON,OH	PIPER	PA-31	NONE
3	0286	N888CA	030778	HUTCHINSON, KS	AERO COMDR	500B	NONE
3	0298	N47574	021078	DANBURY,CT	PIPER	PA-32R	FAIAL
3	0304	N3930G	012678	RUFFALO, NY	CESSNA	206U	NONE
3	0351	N8 69 JA	012078	NTOKSOOK BAY.AK	BRITTNORMAN	BN-2A	FATAL
3	0368	N240Q	020978	WESTWOOD.MA	ENSTROM	F-28A	NONE
3	0379	N7790A	021778	QUAKERTOWN .PA	BEECH	D95A	NONE
3	0433	N6910J	041178	FISHERS ISLAND, NY	PIPER	PA-28	NONE
3	0443	N180P	030278	ROCKINGHAM,NC	BEECH	B18G	SERIOUS
3	0446	N342N	030478	NORFOLK, VA	ВЕЕСН	R65	NONE
3	0454	N8114M	030778	LAUREL.MS	CESSNA	310I	FAIAL
3	0495	N140AL	040478	NGALVESTON.TX	BELL	212	FATAL
3	0505	N206AM	041178	HELENA, MT	CESSNA	206	NONE

# U.S. GENERAL AVIATION 1978 (IN FILE ORDER SEQUENCE)

	FILE	AIRCRAF	Т		AIRCRAF	Т	INJURY
	NUMBER	REGIST.	DATE	LOCATION	MAKE	MODEL	INDEX
3	0514	N91304	.013078	KIPNUK•AK	CESSNA	180	MINOR
3	0567	N69316	031678	NAPLES, FL	CESSNA	402B	NONE
3	0570	N383R	031478	WEST COLUMBIA.SC	веесн	E18S	NONE
3	0653	N4307W	021878	GENDA PEAK,NV	BEECH	58	FATAL
3	0698	N1485M	012478	NBREVIG MISSION.AK	CESSNA	206	SERIOUS
3	0711	N21531	032078	HAZARD,KY	CESSNA	182	MINOR
3	0720	N1828D	011678	SAVANNAH, GA	BEECH	D18	NONE
3	0737	N16718	042878	NINTRACSTL CITY, LA	BELL	206B	NONE
3	0753	N4108T	030478	NGALLUP, NM	CESSNA	320	FATAL
3	0761	N5187U	042378	AK IACHAK • AK	CESSNA	206	NONE
3	0795	V8182J	032378	NMORGAN CITY, LA	BELL	47G-4A	FATAL
3	0808	N5412U	032878	NGRANBY + CO	веесн	95 <b>-</b> C55	SERIOUS
3	0848	N4731F	040878	ST.PETERSBURG.FL	PIPER	PA-28	FATAL
3	0906	N40255	012478	UMIAT,AK	PIPER	PA-23	SERIOUS
3	0938	N1147V	050378	SIKESTON, MO	CESSNA	R172	NONE
3	0953	N6858Y	042078	DRYDEN, NY	PIPER	PA-23	MINOR
3	0991	N7354U	032278	NRIVERSIDE, CA	CESSNA	T207A	FATAL
3	1051	N29179	012478	NPOINT SPENCER.AK	CESSNA	206	SERIOUS
3	1058	N38642	032078	PONTIAC, MI	PIPER	PA-32R	NONE
3	1084	N1155W	051678	NMEMPHIS, TN	BELL	47J-2A	NONE
3	1089	N77DC	010678	MOBILE,AL	BEECH	D <b>-</b> 55	NONE

# U.S. GENERAL AVIATION 1978 (IN FILE ORDER SEQUENCE)

FILE	AIRCRAF			AIRCRAF		INJURY
NUMBER	REGIST.	DATE	LOCATION	MAKE 	MODEL	INDEX
3 1108	N1401T	041178	MACON + GA	PIPER	PA-34	NONE
3 1161	N6143X	022878	NSOLVANG.CA	AERO COMOR	500A	FATAL
3 1273	N5130J	052678	BROWNSVILLE,TX	CESSNA	310R	NONE
3 1289	N7263R	052278	KALSKAG,AK	BEECH	58	NONE
3 131.3	N51D	060878	NASHVILLE .TN	DOUGLAS	DC-3	NONE
3 1430	N9057Y	052378	FLEETVILLE.P4	PIPER	PA-31	FATAL
3 1448	N9584F	062378	ATLANTA,GA	HUGHES	269C	FATAL
3 1483	N73819	071178	NRIGGINS, ID	CESSNA	172	NONE
3 1489	N2174F	060978	NBILLINGS,MT	CESSNA	U206	NONE
3 1549	N8241M	042878	NCORONA, NM	CESSNA	210K	NONE
3 1550	N16873	050978	NWESTWATER,UT	BELL	20683	NONE
3 1661	N37189	021478	PILOT POINT, AK	GRUMMAN	6-44	SERIOUS
3 1683	N87143	051978	ALEXANDRIA, MN	CESSNA	402B	FAIAL
3 1732	N91237	060478	DAYTONA BEACH, FL	CONVAIR	240	NONE
3 1768	N88LV	062378	LAS VEGAS, NV	PIPER	PA-31	NONE
3 1791	N94AL	062878	NMORGAN CITY, LA	BELL	205 A-1	NONE
3 2018	N4448X	041978	CALIFORNIA,MD	PIPER	PA-28R	SERIOUS
3 2029	N735RT	080978	WESTMOREL AND , TN	CESSNA	182	NONE
3 2080	N91041	071178	∩LGA•₩A	CESSNA	207	MINOR
3 2081	N93032	050678	NWILCOX, AZ	CESISNA	210	MINOR
3 2116	N4508L	022778	MERRILL PASS,AK	EVANGEL	4500	FAIAL

# U.S. GENERAL AVIATION 1978 (IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAF	T DATE	LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX
3 2120	N8087	052378	NDEKALB,IL	BEECH	G-18	NONE
3 2215	N1360X	022178	GENOA PEAK.NV	BELL	47G3B1	MINOR
3 2230	N133W	033078	BURBANK • CA	LEAR	23	MINOR
3 2240	N7979S	070678	NCAMERON.LA	BELL	206B	FAIAL
3 2241	N46977	091178	MORGAN CITY, LA	BOLKOW	BO-105	NONE
3 2284	N7621K	051078	NEW STUYAHOK.AK	CESSNA	180J	NONE
3 2290	N1797X	052778	NKEWANEE, IL	CESSNA	210	MINOR
3 2351	N7432Y	050878	FLUSHING.NY	PIPER	PA-30	NONE
3 2360	N8769C	051178	LAWRENCE, MA	PIPER	PA-32R	FATAL
3 2376	N5422G	051678	NCOVINGTON,KY	CESSNA	404	NONE
3 2434	N99024	071478	NCLEARLAKE, WA	HILLER	FH1100	FATAL
3 2441	N59839	053078	LOS ANGELES.CA	PIPER	PA-31	SERIOUS
3 2444	N9908K	083078	NINTRACSTL CITY.LA	BELL	206B	FATAL
3 2476	N54227	031378	CHICAGO.IL	PIPER	PA-23	NONE
3 2555	N185SH	070778	UNALAKLEET, AK	CESSNA	185	NONE
3 2608	N49MC	042378	ARLINGTON.IN	PIPER	PA-31	FATAL
3 2619	N79031	082178	ROANOKE, VA	CESSNA	172	NONE
3 2641	N1182W	080778	NSNOQUALMIE FLS.WA	BELL	47G3B1	NONE
3 2689	N4066G	051578	NKEMMERER, WY	BELL	206B	SERIOUS
3 2695	N6324U	073178	BOSTON, MA	AERO COMDR	500B	NONE
3 2713	N8471X	083078	CREEDMOOR.NC	CESSŅA	172C	NONE

# U.S. GENERAL AVIATION 1978 (IN FILE ORDER SEQUENCE)

1	FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAF MAKE 	MODEL	INJURY INDEX
3	2727	N16722	072378	KAILUA KONA•HI	DEHAVILLAND	114-24	NONE
3	2727	N42S	072378	KAILUA KONA.HI	DEHAVILLAND	104-5A	NONE
3	2776	N6238Q	091878	GARDEN CITY,KS	CESSNA	401A	NONE
3	2787	N5421Y	062278	MARION,KY	PIPER	PA-23	FATAL
3	2822	N1601S	082978	MARKLEEVILLE, CA	PIPER	PA-28	NONE
3	2846	N9212C	090178	CAREFREE, AZ	CESSNA	182RG	MINOR
3	2856	N59600	092078	NMORGAN CITY, LA	BELL	206B	NONE
3	2856	N83133	092078	NMORGAN CITY, LA	BELL	206B	NONE
3	2857	N17235	081378	NC AMERON, LA	BOLKOW	BO-105	FATAL
3	2858	N90223	070978	NMORGAN CITY, LA	BELL	212	SERIOUS
3	2909	N80172	091178	RIGGINS, ID	CESSNA	185F	FATAL
3	2916	N55679	092078	YUMA, AZ	PIPER	PA-32	NONE
3	2930	N77070	100378	DE QUEEN,AR	CESSNA	3100	NONE
3	2932	N90026	102178	NMORGAN CITY, LA	BELL	206B	NONE
3	2965	N500L	092678	SAN JUAN, PR	BEECH	D18S	FATAL
3	3015	N978Q	091578	COLUMBIA, CA	ВЕЕСН	65A-80	NONE
3	3047	N3488Y	083078	KING SALMON,AK	CESSNA	180H	MINOR
3	3077	N3353C	091678	WILLIAMSBURG, VA	CESSNA	182RG	NONE
3	3092	N734UF	083078	SAN FRANCISCO.CA	CESSNA	172N	NONE
3	3102	N3057L	111278	WOLF POINT,MT	CESSNA	310J	NONE
3	3120	N4722U	102478	DULAC . LA	CESSNA	180G	NONE

# U.S. GENERAL AVIATION 1978 (IN FILE ORDER SEQUENCE)

	FILE NUMBER	AIRCRAF	T DATE	LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX
3	3176	N55571	102078	MC CALL, ID	PIPER	PA-32	NONE
3	3185	N47226	111678	BELLINGHAM, WA	PIPER	PA-28	MINOR
3	3187	N7477F	080778	NPHOENIX, AZ	HUGHES	269C	FATAL
3	3203	N9001B	091978	SABINE PASS,TX	AEROSPATLE	AS350C	MINOR
3	3210	N4747S	041878	CORDOVA, AK	DEHAVILLAND	DHC-2	FATAL
3	3212	N3488Y	061178	ANIAKCHAK BAY.AK	CESSNA	180H	NONE
3	3248	N7537Q	062978	DURHAM, NC	CESSNA	3100	NONE
3	3287	N1588G	111278	WICHITA FALLS,TX	CESSNA	421B	NONE
3	3298	N7301U	102078	ATKASUK,AK	CESSNA	207A	NONE
.3	3299	N59562	081078	NKETCHIKAN, AK	BELL	206B	NONE
3	3315	N96019	080778	PT. POSSESSION, AK	CESSNA	1800	NONE
3	3377	N3039M	113078	ALBUQUERQUE,NM	PIPER	PA-34	NONE
3	3384	N44356	041878	ANCHORAGE, AK	PIPER	PA-34	NONE
3	3388	N71947	010678	MARION,IL	CESSNA	337G	FATAL
3	3416	N9568F	090478	DAMASCUS, MD	HUGHES	269B	NONE
3	3458	N216RM	040678	NSALIDA, CO	BELL	206B	SERIOUS
3	3480	N9863Z	112178	DAYTON, OH	ВЕЕСН	C45H	NONE
3	3499	N9093Y	080778	EAST HAMPTON, NY	PIPER	PA-31	MINOR
3	3529	N1042	051278	NPORT MOLLER, AK	GRUMMAN	G-21A	MINOR
3	3530	N8690	070378	NPELICAN, AK	DEHAVILLAND	DHC-2	SERIOUS
3	3531	N8318F	072978	NKETCHIKAN•AK	HUGHES	500 <b>-</b> C	MINOR

# U.S. GENERAL AVIATION 1978 (IN FILE ORDER SEQUENCE)

	FILE NUMBER	AIRCRAF REGIST.	T DATE 	LOCATION	AIRCRAF MAKE	MODEL	INJURY INDEX
3	3532	N1789U	063078	NOMALIK,AK	CESSNA	207	FATAL
3	3597	N742UT	071278	CHICAGO, IL	BEECH	65-90	NONE
3	3615	N41447	120278	DES MOINES,IA	DOUGLAS	DC-3	SERIOUS
3	3631	N3940W	111878	SOUTH BOSTON.VA	PIPER	PA-32	NONE
3	3676	N46977	112978	NMORGAN CITY.LA	BOLKOW	B-105	FAJAL
3	3683	N90674	113078	EAGLE PASS,TX	AEROSTAR	601P	NONE
3	3684	N49755	111278	SABINE PASS,TX	BELL	206B	FATAL
3	3691	N886G	102478	NTORREON, NM	BEECH	65-80	FATAL
3	3694	N8009Z	081478	NSAL INA • UT	CESSNA	206	SERIOUS
3	3695	N70269	101578	NKETCHIKAN.AK	CESSNA	185	FATAL
3	3706	N1041V	073078	NBETTLES . AK	CESSNA	U206F	FAJAL
3	3722	N8967N	112178	NORTH CANTON, OH	PIPER	PA-32	MINOR
3	3760	N22131	071978	NBIG DELTA.AK	CESSNA	185	NONE
3	3777	N40480	092778	INDIANAPOLIS, IN	CESSNA	402	NONE
3	3790	N4638Q	121978	MORTON, IL	CESSNA	210L	FATAL
3	3852	N16982	120278	NMORGAN CITY, LA	BELL	212	NONE
3	3859	N59456	120178	NPORT OCONNER.TX	BELL	206B	FATAL
3	3862	N5885T	071178	NKOTZEBUE, AK	CESSNA	185	MINOR
3	3866	N622DG	120678	CHICAGO, IL	CESSNA	401A	NONE
3	3888	N93627	071278	RHINELANDER, WI	BELLANCA	17-30A	FATAL
3	3906	N63731	091878	GRANVILLE, MA	PIPER	PA-31	FAIAL

# U.S. GENERAL AVIATION 1978 (IN FILE ORDER SEQUENCE)

FILE		AIRCRAFT			AIRCRAFT		INJURY	
ı	NUMBER	REGIST.	DATE	LOCATION	MAKE	MODEL	INDEX	
-				***************************************				
3	3907	N7547S	091878	MORRISVILLE,NC	TED SMITH	600	SERIOUS	
3	3937	N204CC	112078	BROWNSVILLE, TX	веесн	H18	FAÌAL	
3	3938	N178MA	082578	NRATON, NM	MITSUBISHI	MU-2J	FATAL	
3	3941	N9971Z	072278	NANAKTUVUK PASS,AK	DEHAVILLAND	DHC-2	SERIOUS	
3	3960	N5014U	090978	BETHEL • AK	CESSNA	206	NONE	
3	3988	N310BJ	111378	LUBBOCK,TX	CESSNA	310J	FATAL	
3	3996	N62856	102378	INDIANAPOLIS, IN	PIPER	PA-31	NONE	
3	4001	N93670	101878	NMOLINE , IL	BEECH	58	NONE	
3	4003	N90115	122678	MORGAN CITY, LA	BELL	206B	NONE	
3	4009	N1EC	091778	MISSING AIRCRAFT	CESSNA	411	FAÌAL	
3	4015	N26641	072278	NKOTZEBUE, AK	DEHAVILLAND	DHC-3	NONE	
3	4020	N80369	110378	NFL INT •MI	BEECHCRAFT	D-185 -	NONE	
3	4070	N95467	111178	AKUTAN BAY.AK	GRUMMAN	G-21A	NONE	
3	4072	N9797C	101278	WHITE GATE, VA	PIPER	PA-32R	MINOR	
3	4078	N310AE	120178	MARION.IN	CESSNA	3100	NONE	
3	4085	N38RM	011178	WEST CHICAGO, IL	BEECH	G-18 S	NONE	
3	4087	N736ST	102078	NILIAMNA, AK	CESSNA	185	NONE	
3	4088	N8957T	092078	NSKWENTNA , AK	CESSNA	182	NONE	
3	4121	N7535N	120578	UNION.SC	CESSNA	182	FATAL	
3	4127	N407D	092178	MISSING AIRCRAFT	DOUGLAS	DC-3	FATAL	
3	4131	N5909V	100478	CHICAGO.IL	PIPER	PA-32	NONE	

# U.S. GENERAL AVIATION 1978 (IN FILE ORDER SEQUENCE)

N	FILE UMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAF MAKE	T MODEL	I NJURY I NDEX
_							
3	4161	N59AN	120278	WATERTOWN,NY	DEHAVILLAND	DHC-6	MINOR
3	4188	N477KH	100978	WAIMEA CNYN,HI	BFLL	206L	MINOR
3	4197	N3537B	021078	FLINT,MI	веесн	D18S	NONE
3	4199	N761GP	110678	HERMOSA BEACH.CA	CESSNA	T210M	FATAL
3	4206	N8622	121478	NOGDEN.UT	AEROSPATIAL	SA316B	SERIOUS
3	4208	N4987F	122078	LOS ANGELES CA	PIPER	PA-32	SERIOUS
3	4210	N3963C	101178	CHIGNIK LAKE,AK	CESSNA	402	NONE
3	4218	N756MD	071078	ANCHORAGE , AK	CESSNA	U206	NONE
3	4226	N15229	112478	FT.LAUDERDALE, FL	PIPER	PA-34	NONE
3	4236	N9762C	072378	NLIVENGOOD, AK	HILLER	UH12E3	MINOR
3	4241	N5319G	081178	NK ENA I , AK	DEHAVILLAND	DHC-2	SERIOUS
3	4244	N4043R	103078	LIME VILLAGE, AK	PIPER	PA-32	NONE
3	4267	N7654K	103078	PEDERSON POINT, AK	CESSNA	180	NONE
3	4290	N86688	062078	MENTOR, OH	HILLER	UH12L4	NONE
3	4298	N3382	112178	CRAB BAY.AK	DEHAVILLAND	DHC-3	NONE
3	4305	N8944N	121878	EKWOK,AK	PIPER	PA-32	NONE
3	4306	N777DT	121978	ANCHORAGE , AK	ROCKWELL	500S	NONE
3	4309	N4284R	112178	MISSING AIRCRAFT	PIPER	PA-32	FATAL
3	4310	N7512N	111078	UNALAKLEET .AK	веесн	36	NONE
3	4320	N761AX	110878	NST.MARYS.GA	CESSNA	210M	NONE
3	4330	N1045	082578	NLABOUCHER BAY, AK	GRUMMAN	G-21A	FATAL

# U.S. GENERAL AVIATION 1978 (IN FILE ORDER SEQUENCE)

į	FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAF MAKE	T MODEL	INJURY INDEX
•							
3	4331	N58H	090178	LATHAM, NY	BEECH	E18S	MINOR
3	4339	N3489Y	110878	TELLER • AK	CESSNA	185	NONE
3	4341	N26AN	090978	SAVOY, IL	PIPER	PA-31	FATAL
3	4345	N4501L	072978	TOGIAK,AK	EVANGEL	45 00	MINOR
3	4350	N12VT	091378	CHICAGO, IL	BEECH	18T	NONE
3	4357	N4048B	101378	BARROW, AK	DEHAVND CAN	DHC-6	FATAL
3	4360	N5187U	120878	SHELDONS POINT, AK	CESSNA	U-206	MINOR
3	4363	N3976X	112978	MC GRATH,AK	PIPER	PA-32	SERIOUS
3	4365	N8999A	112878	HARTFORD,CT	AEROSTAR	601P	FATAL
3	4368	N8194G	060678	EAST TAWAS, MI	CESSNA	206G	FATAL
3	4371	N7378U	122178	CHEVAK, AK	CESSNA	207	FATAL
3	4372	N70286	062078	GULKANA .AK	CESSNA	185	MINOR
3	4383	N37741	091378	NWHITTIER • AK	DEHAVILLAND	DHC-2	FATAL
3	4401	N44LV	083078	LAS VEGAS, NV	PIPER	PA-31	FATAL
3	4407	N5384V	090978	NWRANGELL + AK	SOLOY	12EJ3	FATAL
3	4409	N18AA	103078	NAPASKIAK,AK	CESSNA	207A	NONE
3	4410	N455JA	110378	DUTCH HARBOR, AK	LEAR JET	24D	NONE
3	4411	N600JA	110478	ANCHORAGE, AK	HAWKER-SDLY	DH-125	NONE
3	4413	N37906	112578	NHYDABURG • AK	DEHAVILLAND	DHC-2	FATAL
3	4414	N2214T	121978	NBETHEL .AK	CESSNA	185	NONE
3	4416	N3781B	110978	GRAND CANYON, AZ	ВЕЕСН	E18S	NONE

# U.S. GENERAL AVIATION 1978 (IN FILE ORDER SEQUENCE)

FILE	AIRCRAF			AIRCRAF	Т	INJURY
NUMBER	REGIST.	DATE	LOCATION	MAKE	MODEL	INDEX
		··· ··· ·· ·		60 an an an		
3 4419	N1381G	073078	RIVERTON, WY	CESSNA	340	SERIOUS
3 4422	N2215W	100878	NKENAI,AK	BELL	205 A-1	FATAL
3 4433	N4270	031478	WHITELAKE,MI	BEECH	D18	FATAL
3 4434	N11Z	101178	CLEVELAND, OH	BEECH	G18	SERIOUS
3 4444	N45290	091978	CHICAGO.IL	PIPER	PA-28	NONE
3 4445	N788CF	103178	NCINCINNATI, OH	BEECH	58	NONE
3 4465	N4175R	120778	WEST CHICAGO, IL	PIPER	PA-32	NONE
3 4481	N2673Z	122278	NKEY WEST, FL	CESSNA	185	MINOR

### NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20594

### BRIEFS OF ON-DEMAND AIR TAXI ACCIDENTS

U.S. GENERAL AVIATION

1978

#### (IN STATE AND DATE ORDER)

FILE			AIRCRAFT DATA	F S M/	Ν	PURPOSE	PILOT DATA
3-1089	1/6/78 TIME - 055	MOBILE, AL	BEECH D-55 N77DC DAMAGE-SUBSTANTIAL	CR- 0 0	1 COM	MERCIAL R TAXI-PASSG	CUMMERCIAL, AGE 34, 3995
	NAME OF AI	RPORT - MOBILE AE					
	DEPARTURE						
	MOBILE,AL		MOBILE +AL				
	TYPE OF AC			PHASE			
		AILURE OR MALFUNC	TION			I NORMAL CRUISE LEVEL OFF/TOUCHDOWN	
	DITCHING						
	FACTOR(S) MISCELLA WEATHER PARTIAL PO COMPLETE P WEATHER BR WEATHER BR WEATHER FO EMERGENCY	NEOUS ACTS, CONDIT - FOG WER LOSS - PARTIA OWER LOSS - COMPL IEFING - BRIEFED RECAST - FORECAST CIRCUMSTANCES - F	S POWERPLANT FAILURE I IONS — AIRCRAFT CAME TO L LOSS OF POWER — 1 ENC ETE ENGINE FAILURE/FLAM BY FLIGHT SERVICE PERSI SUBSTANTIALLY CORRECT ORCED LANDING OFF AIRPO	D REST IN WAT GINE MEDUT-1 ENGIN DNNEL, BY PHO DRT ON WATER	ER E NE		
	SKY CONDIT					ACCIDENT SITE	*
		NBSCURATION AT ACCIDENT SITE R LESS		UNK	PITAII NOWN/N	ION AT ACCIDENT SITE NOT REPORTED	
	OBSTRUCTION GROUND F	NS TO VISION AT A OG	CCIDENT SITE	TEMPE 52	RATURE	<del>-</del> F	
	WIND DIREC	TINN-DEGREES		wIND 5	VEL OC I	[TY-KNOTS	•
	TYPE OF WE	ATHER CONDITIONS		TYPE IFR		GHT PLAN	

FILE	DATE	LOCATION	AIRCRAFT DATA	I N J F	URIES S M/	'N	FLIGHT PURPOSE				
3-0149	1/16/78 TIME - 145	SCAMMON BAY.AK	PIPER PA-31 N121VC DAMAGE-SUBSTANTIAL	CR-	0 0	1	COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, AGE 20, 2100 TUTAL HOURS, 49 IN TYPE, NOT INSTRUMENT RATED.			
	DEPARTURE RETHEL.A TYPE OF AC	RPORT - SCAMMON BA POINT K CIDENT WITH DIRT BANK	OUTE STOP IN BAY,AK UPERATION IG GO-AROUND								
	PERSONNE PILOT IN PILOT IN FACTOR(S) AIRPORTS MISCELLA MISCELLA	PROBABLE CAUSE(S)  PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY, COMPANY MAINTAINED EQPMT, SERVICES, REGULATION PILOT IN COMMAND - DELAYED IN INITIATING GO-ARGUND PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS FACTOR(S)  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. MISCELLANEOUS ACTS, CONDITIONS - RAN OFF END OF RUNWAY REMARKS- OPERATING AS WIEN AIR FLT 3397.ABT 262# OVR MAX LNDG GWT.ADVSD RWY GOOD PRIOR TO DEPARTURE.									
3-0264	1/17/78 N TIME - 153	IR.BARROW,AK O	DEHAVND CAN DHC-2 N1454T DAMAGE-SUBSTANTIAL	PX-				AIRLINE TRANSPORT, AGF 26, 3106 TOTAL HOURS, 500 IN TYPE, INSTRUMENT			
	UMIAT,AK TYPE OF AC		INTENDED DESTINATION BARROW, AK R CONTROLLED		PHASE IN		· OPERATION GHT NORMAL CRUISE	RATED.			
	PILOT IN PILOT IN PILOT IN FACTOR(S) WEATHER WEATHER WEATHER BR	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE									
	SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 4 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF FLIGHT PLAN OTHER REMARKS— COMPANY FLT PLAN.				400 PRECI	PIT PIT NE OF	AT ACCIDENT SITE ATION AT ACCIDENT SI WEATHER CONDITIONS	T TE			

				5 (// 4001521713							
FILE	NATE	LOCATION	AIRCRAFT DATA	F S M/N	FL I GHT PUR POSE	PILUI DATA					
3-0351	1/20/78 TIME - 0			CR- 1 0 0	COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, FL.INSTR.,					
	DEPARTUR	E POINT	INTENDED DESTINATION			•					
	RETHEL		TANUNAK • AK	2							
	TYPE OF				F OPERATION						
	COLLIS	COLLISION WITH GROUND/WATER CONTROLLED IN FLIGHT NORMAL CRUISE									
	MISCEL WEATHER WEATHER	R - SNOW LANEOUS ACTS, CONDITION BRIEFING - BRIEFED BY FORECAST - FORECAST AIRCRAFT - LATER RECO									
	SKY COND				AT ACCIDENT SITE						
		TY AT ACCIDENT SITE		PRECIPI SNOW	TATION AT ACCIDENT SITE	=					
		IONS TO VISION AT ACC	CIDENT SITE	TYPE OF IFR	WEATHER CONDITIONS						
	TYPE OF VFR	FLIGHT PLAN									
	REMARKS-	ACFT IN AREA DURING	SAME TIME PERIOD REP	ORTED POOR VIS I	DUE TO SNOW SQUALLS.						

FILE	DATE LO	CATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA
3-1051	1/24/78 NR.POINT	SPENCER.AK	CESSNA 206 N29179 DAMAGE-SUBSTANTIAL NTENDED DESTINATION	CR- 0 1 0 PX- 0 3 0	COMMERCIAL	CUMMERCIAL, AGE 32, 3500 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	PILOT IN COMMAN MISCELLANERIUS A FACTOR(S) WEATHER — SNOW TERRAIN — SNOW— WEATHER BRIEFING	D - CONTINUE D - MISJUDGEI CTS.CONDITIO COVERED - OTHER		/ERSE WEATHER C	ONUITIONS	•
	SKY CONDITION  OVERCAST VISIBILITY AT ACC 3 MILES OR LESS OBSTRUCTIONS TO V HAZE WIND VELOCITY-KNO CALM TYPE OF FLIGHT PL VFR REMARKS- WX BRIEF	ISION AT ACC TS AN	IDENT SITE	1000 PRECIPI SNOW TEMPERA 20	AT ACCIDENT SITE TATION AT ACCIDENT SITE TURE-F WEATHER CONDITIONS	
3-0698		I	DAMAGE-SUBSTANTIAL NTENDED DESTINATION NOME,AK	LAST EN BREVI PHASE O	COMMERCIAL AIR TAXI-PASSG  ROUTE STOP G MISSION,AK IF OPERATION IGHT NORMAL CRUISE	COMMERCIAL, AGE 26, 2211 TOTAL HOURS, 391 IN TYPE, INSTRUMENT RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAN PILOT IN COMMAN FACTOR(S) MISCELLANEOUS A TERRAIN - SNOW- REMARKS- A/C COLL					

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURI F S			PILU1 DATA					
3-0906	1/24/78 TIME - 140		PIPER PA-23 N40255 OAMAGE-SUBSTANTIAL	PX- 0		COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 45, 13000 TUTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.					
	NAME OF AIRPORT - UMIAT											
			INTENDED DESTINATION									
		SF. AK	UMIAT + AK		UMIA1.AK							
	TYPE OF A					H OPERATION						
	COLLISION WITH GROUND/WATER CONTROLLED LANDING FINAL APPROACH											
	PROBABLE O	AUSE(S)										
	PILOT IN COMMAND - IMPROPER IFR OPERATION											
	FACTOR(S)											
	WEATHER											
	WEATHER - SNOW											
	WEATHER BRIEFING - BRIFFED BY FLIGHT SERVICE PERSONNEL. IN PERSON											
	WEATHER FORFCAST - FORFCAST SUBSTANTIALLY CORRECT											
	SKY CONDIT	LIUN		CE.	LITNG	AT ACCIDENT SIJE						
	OVERCAS				2500	A 1 40010EH1 517E						
		Y AT ACCIDENT SIT	F			TATION AT ACCIDENT SITE						
		OR LESS	· ·		SNOW	TATION AT AGGICENT GITE						
		ONS TO VISION AT	ACCIDENT SITE		TYPE OF WEATHER CONDITIONS							
	FOG				IFR							
	TYPE OF FL	IGHT PLAN				,						
	TER											
		SCNOD BELOW MDA.					•					

			AIRCRAFT DATA	INJURIES F S M/N	PURPUSE	PILUI DATA						
3-0514	1/30/78 TIME - 1530	KIPNUK,AK	CESSNA 180 N91304 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2		CUMMERCIAL, FL.INSTR., AGE 29, 5450 TOTAL HUURS, 350 IN TYPE, INSTRUMENT RATED.						
	NAME OF AIR DEPARTURE P BETHEL•AK TYPE OF ACC NOSE OVER	IDENT	INTENDED NESTINATION KIPNUK∙AK		F OPERATIUN NG ROLL	RAILD.						
	PERSONNEL TERRAIN - FACTOR(S) WEATHER - WEATHER BRI	WEATHER - LOW CEILING WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT										
	SKY CONDITI	ΩN			AT ACCIDENT SITE							
	OVERCAST VISIBILITY	AT ACCIDENT SIT	E	900 PRECIPI	TATION AT ACCIDENT SI	TE						
		(UNLIMITED) S TO VISION AT	ACCIDENT SITE	NONE WIND DIN	RECTION-DEGREES							
	NONE	_	3112	65								
	WIND VELUCI 15			TYPE OF WEATHER CONDITIONS  VFR								
	TYPE OF FLI VFR	GHT PLAN										
	REMARKS- SNOW BERM NOT DISCERNIBLE FROM AIR.GUSTS TO 20KTS.OPERATOR CALLED BFR FLT,TOLD LAKE UK.TU LAND ON.											
3-1661	2/14/78 TIME - 1200	PILOT POINT,AK	N37189		COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 36, 16000 JUIAL HUURS, 3700 IN						
		PORT - PILOT PO				TYPE, INSTRUMENT RATED.						
	DEPARTURE P		INTENDED DESTINATION PERRYVILLE, AK		ROUTE STOP POINT.AK							
	TYPE OF ACC	INENT		PHASE OF	OPERATION FE RUN							
		PROBABLE CAUSE(S)  AIRFRAME - LANDING GEAR NORMAL RETRACTION/EXTENSION ASSEMBLY  MISCELLANEOUS ACTS, CONDITIONS - CORRODED/CORROSION  MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE										
	MISCELLAN MISCELLAN FACTOR(S)	EOUS ACTS, CONDI										

FILE	DATE	LOCATION	AIRCRAFT DATA	I N J (	JR I E S	S M/N	FLIGHT PURPOSE	PILOT DATA		
		MERRILL PASS, AK	EVANGEL 4500	CR- I	1 0	0	COMMERCIAL	AIRLINE TRANSPORT, AGE 35, 5500 TOTAL HOURS, 1203 IN TYPE, INSTRUMENT RATED.		
	DILLINGH TYPE OF AC	AAM.AK	INTENDED DESTINATION ANCHORAGE, AK R UNCONTROLLED		S PHA	TONY SE (	NROUTE STOP / RIVER,AK DF OPERATION LIGHT UNCONTRULLED DESCEN:			
	PILOT IN	N COMMAND - INADEQU	NATE PREFLIGHT PREPARA' ED VFR FLIGHT INTO ADV DISORIENTATION							
	WEATHER WEATHER BE	- LOW CEILING - RAIN RIEFING - SELF-HELF RCRAFT - LATER REC								
	SKY CONDIT						G AT ACCIDENT SITE			
		AT ACCIDENT SITE					ITATION AT ACCIDENT SITE			
		ONS TO VISION AT AC VNOT REPORTED .IGHT PLAN	CIDENT SITE		TYP		WEATHER CONDITIONS			
	FIRE AFTER IMPACT REMARKS— WX CONDITION IN PASS RPRTD BY PIREP.RECOVERY DAJE 2/28/78.									
3-3210	4/18/78 TIME - 075		DEHAVILLAND DHC-2 N4747S DAMAGE-DESTROYED				COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, AGE 47, 11000 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.		
	DEPARTURE CORDOVA TYPE OF AC	AK CCIDENT					OF OPERATION			
	STALL S	CAUSE(S)				AK E	DFF INITIAL CLIMB			
	PILOT IN FIRE AFTER		TO OBTAIN/MAINTAIN FL	YING SPE	EED					

-			AIRCRAFT DATA	F S M/N	FLIGHT PURPOSE	PILUT DATA
	4/18/78 A TIME - 0710	NCH∩RAGE , AK	N44356 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 21, 2500 TUTAL HUURS, 525 IN TYPE, INSTRUMENT RATED.
		ORT - ANCHORAGE INT	INTL INTENDED DESTINATION	LAST EN	OUTE STOP	
		AK			ON RIVER	
	TYPE OF ACCI	DENT			F OPERATION FF INITIAL CLIMB	
	ENGINE FAI COLLISION	OWN				
	PERSONNEL MISCELLANE FACTOR(S) PILOT IN C MISCELLANE COMPLETE POW FMERGENCY CI	- MAINTENANCE OPERATIONAL S OUS ACTS.CONDIT OMMAND - INADE OUS ACTS.CONDIT FR LOSS - COMPL RCIMSTANCES - F T SERVICED WITH	GERVICING, INSPECTION IN UPERVISORY PERSONNEL FOR TONS - FUEL GRADE-IMPRODUATE PREFLIGHT PREPARATIONS - FAILURE OF TWO COLETE ENGINE FAILURE/FLANGROED LANDING OFF AIRPOOR WRONG FUEL	FAILURE TO PROV OPER TION AND/OR PLA OR MORE ENGINES MEDUT-2 ENGINES	IDE ADEQ.DIRECTIVES,	
3-0761	4/23/78 A TIME - 1715	KTACHAK •AK	CESSNA 206 N5187U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 6	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 25, 3080 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.
		ORT - AKIACHAK	•			
				I A S T EN	ROUTE STOP	
		INT	INTENDED DESTINATION			
	DEPARTURE PO BETHEL.AK TYPE OF ACCI		BETHEL AK	AKIAC		
	BETHEL.AK TYPE OF ACCI			AKIACI PHASE O	HAK, AK	

FILE	DATE	LOCATION	AIRCRAFT DATA	I NJUF F	IES S M/	FLIGHT	PILUI DATA		
3-2284		NEW STUYAHOK.AK	CESSNA 1801	CP_ 0	0	1 COMMERCIAL	CUMMERCIAL, AGE UNK/NR, 1023 101AL HOURS, 25 IN TYPE, INSTRUMENT RATED.		
	DEPARTURE KOLIGANE TYPE OF AC	EK∳AK CCIDENT WATER LOOP-SWERVE		F	LAN	OF OPERATION DING ROLL DING ROLL			
	MISCELLA FACTOR(S)	- LANDING GEAR B	RAKING SYSTEM (NÖRMAL NNS — MATERIAL FAILUR! CONDITIONS						
	5 OR OVE		CIDENT SITE	F	UNL RECI NON	NG AT ACCIDENT SITE IMITED PITATION AT ACCIDENT SITE EVE BEARING OF WIND	re		
	NONE TEMPERATUR 45 WIND VELOC	RIGHT CROSS WIND 068-112 DEGREES WIND DIRECTION-DEGREES 60 TYPE OF WEATHER CONDITIONS							
	15 TYPE OF FL VFR	IGHT PLAN							
	REMARKS- CROSS WIND FROM RIGHT AT 15 KNOTS.LEFT BRAKE TORQUE PLATE FAILED.								
3-3529	5/12/78 N TIME - 134	NR•PORT MOLLER•AK 40	GRUMMAN G-21A N1042 DAMAGE-DESTROYED	CR- 0 PX- 0	0	1 COMMERCIAL 2 AIR TAXI-PASSG	AIRLINE TRANSPURT, AGE 30, 2855 TOTAL HOURS, 54 IN TYPE, INSTRUMENT RATED.		
	PORT MOLU TYPE OF AC	_ER•AK	INTENDED DESTINATION COLD BAY.AK	F		OF OPERATION EOFF RUN	1		
,	PILOT IN FACTOR(S)	COMMAND - IMPROPE COMMAND - FAILED		T CONTROLS					
			FAMILIARITY WITH AIR URING TKOF RUN L WING		AYED	IN WATER.33HRS PIC IN 1	TYPE.		

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR =	IES S M	;  /N		PILOT DATA
3-1289	5/22/78 TIME - 1800 NAME OF AIR DEPARTURE PO BETHEL.AK TYPE OF ACC GEAR RETR	KALSKAG,AK  PORT - KALSKAG  DINT  IDENT  ACTED  USE(S)	BEECH 58 N7263R DAMAGE-SUBSTANTIAL INTENDED DESTINATION KALSKAG•AK RTENTLY RETRACTED GEAR	CR- PX-	0	0 0	1 0	COMMERCIAL AIR TAXI-PASSG  . F OPERATION NG ROLL	CUMMERCIAL, AGE 35, 14500 TOTAL HUURS, 18 IN TYPE, INSTRUMENT RATED.
3-3212	DEPARTURE PI SAND POIN' TYPE OF ACC NOSE OVER. PROBABLE CAL PILOT IN ( FACTOR(S) TERRAIN —	DINT T.AK IDENT /DOWN JSE(S)	ED UNSUITABLE TERRAIN		P	РАНО	SE C	COMMERCIAL AIR TAXI-CARGO OF OPERATION NG ROLL	CUMMERCIAL, AGE 31, 1502 TOTAL HOURS, 1428 IN TYPE, INSTRUMENT RATED.
3-4372	DEPARTURE PO TAZLINA R TYPE OF ACC ENGINE FA COLLIDED OF PROBABLE CAN POWERPLAN FACTOR(S) TERRAIN — COMPLETE PO EMERGENCY C	DINT VR STRIP.AK IDENT ILURE OR MALFUNC WITH TREES  JSE(S) T - MISCELLANEOU HIGH OBSTRUCTIO WER LOSS - COMPL IRCUMSTANCES - F	N70286 DAMAGE-SUBSTANTIAL INTENDED DESTINATION WHITE RVR.AK TION S POWERPLANT FAILURE	PX- FOR UN MEDUT- ORT ON	0 P DE 1	O HAS TA LA TERM	E O KEO NDI	COMMERCIAL AIR TAXI-PASSG  F OPERATION FF INITIAL CLIMB NG LEVEL OFF/TOUCHDOWN  D REASONS	COMMERCIAL, AGE 60, 13260 TOTAL HOURS, 10065 IN TYPE, NOT INSTRUMENT RATED.

FILE			AIRCRAFT DATA	F S M/N	PURPOSE	PILO1 DATA
3-3532		.OMALIK.AK	CESSNA 207	CR- 1 0 0	COMMERCIAL AIR TAXI-CARGO	
	DEPARTURE F OMALIK, AK TYPE OF ACC		NROUTE STOP NA,AK OF OPERATION LIGHT NORMAL CRUISE			
	FACTOR(S)	COMMAND - CONTIN - LOW CEILING	UED VFR FLIGHT INTO ADV	PERSE WEATHER	CONDITIONS	
	VISIBILITY  1/2 MILE  OBSTRUCTION  UNKNOWN/N  TYPE OF FLI	LOWER SCATTERED AT ACCIDENT SITE OR LESS IS TO VISION AT AUTOR REPORTED	CCIDENT SITE	1500 PRECIP RAIN	G AT ACCIDENT SITE ITATION AT ACCIDENT SITE SHOWERS = WEATHER CONDITIONS	
	VFR REMARKS- PI	REP STATED CLOUD	S OBSCD WINDY CREEK DRA	AINAGE AREA.		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA		
3-3530	7/3/78 N TIME - 193	R.PFLICAN.AK	DEHAVILLAND DHC-2 N8690 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 1	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, FL.INSTR., AGE 29, 5150 TOTAL HOURS, 125 IN TYPE, INSTRUMENT RATED.		
	DEPARTURE ELFIN CO TYPE OF AC STALL S	CIDENT	INTENDED DESTINATION HERBERT GRAVES IS,A	PHASE (	OF OPERATION ELIGHT NORMAL CRUISE			
	PILOT IN PILOT IN FACTOR(S) WEATHER WEATHER TERRAIN MISCELLA WEATHER BR	COMMAND - IMPRO COMMAND - CONTI COMMAND - FAILE - LOW CEILING - FOG - HIGH OBSTRUCTI NEOUS ACTS, CONDI IEFING - NO RECO	PER IN-FLIGHT DECISIONS NUED VER FLIGHT INTO AD O TO OBTAIN/MAINTAIN FL  ONS TIONS - FLEW INTO BLIND RD OF BRIEFING RECEIVED T SUBSTANTIALLY CORRECT	VERSE WEATHER   YING SPEED	CONDITIONS			
	3 MILES OBSTRUCTION FOG	' AT ACCIDENT SIT	ACCIDENT SITE	UNKNI PRECIP NONE TEMPER 50	G AT ACCIDENT SITE DWN/NOT REPORTED ITATION AT ACCIDENT SITE ATURE-F F FLIGHT PLAN	:		
	REMARKS- FLOAT EQUIPPED. ENTERED NARROW CHANNEL AT 100FT AGL.							
3-2555	7/7/78 TIME - 141	UNALAKLEET • AK 5	CESSNA 185 N185SH DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 20, 447 TOTAL HOURS, 101 IN TYPE, INSTRUMENT RATED.		
	DEPARTURE EMMONAK, TYPE OF AC OVERSHOO	AK CIDENT		LAND	OF OPERATION ING LEVEL OFF/TOUCHDOWN ING ROLL			
	PILOT IN AIRFRAME MISCELLA MISCELLA FACTOR(S) PILOT IN MISCELLA	AUSE(S)  COMMAND - MISJUI COMMAND - FAILE - LANDING GEAR NEOUS ACTS, CONDI  COMMAND - IMPRO NEOUS ACTS, CONDI RAKE SYSM NIPPLE	S IN FLT.					

FILE	DATE LOCATION	AIRCRAFT DATA	F S M/N PURPOSE	PILO7 DATA
3-4218	7/10/78 ANCHORAGE,AK TIME - 1045	CESSNA U206 N756MD	CR- 0 0 1 COMMERCIAL PX- 0 0 3 AIR TAXI-PASSG	COMMERCIAL, AGE 55, 1500 TOTAL HOURS, 800 IN TYPE,
		HOOD INTENDED DESTINATION KODIAK,AK	PHASE OF OPERATION TAKEOFF RUN TAKEOFF RUN	INSTRUMENT RATED.
	FACTOR(S) MISCELLANEOUS ACTS.COM	SJUDGED SPEED AND CLEARANC NDITIONS - DISREGARD OF GO ERATION AREA.WITNESS STATE		THER CU ACFT.
3-3862	7/11/78 NR.KOTZEBUE.AK TIME - 1600	CESSNA 185 N5885T DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMMERCIAL PX- 0 0 1 AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 56, 14332 TOTAL HOURS, 92 IN TYPE, INSTRUMENT
	NAME OF AIRPORT - BUSH : DEPARTURE POINT KOTZFBUE.AK TYPE OF ACCIDENT NOSE OVER/DOWN	STRIP INTENDED DESTINATION KOTZEBUE,AK	LAST ENROUTE STOP KOTZEBUE,AK PHASE OF OPERATION TAKEOFF RUN	RATED.
	PILOT IN COMMAND - FA FACTOR(S) MISCELLANEOUS ACTS, CO	NDITIONS — FAILED TO USE A ILED TO ABORT TAKEOFF NDITIONS — DISREGARD OF GO NDITIONS — AIRCRAFT CAME T	OD OPERATING PRACTICE	
3-3760	7/19/78 NR.BIG DELTA,A TIME - 2115	CESSNA 185 N22131 DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMMERCIAL PX- 0 0 1 AIR TAXI-PASSG	COMMERCIAL, AGE 35, 2537 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - BUSH: DEPARTURE POINT BIG DELTA-AK TYPE OF ACCIDENT COLLIDED WITH OBJECT GEAR COLLAPSED	STRIP INTENDED DESTINATION BIG DELTA,AK	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHD LANDING ROLL	
	FACTOR(S) MISCELLANEOUS ACTS,CO	ILED TO SEE AND AVOID OBJE NDITIONS - SUNGLARE NDITIONS - OVERLOAD FAILUR		

FILE	DATE LOCATION	AIRCRAFT DATA		PILUT DATA
3-3941	7/22/78 NR.ANAKTUVUK PASS.AK TIME - 1900	DEHAVILLAND DHC-2 N9971Z DAMAGE-SUBSTANTIAL	CR- C O 1 COMMERCIAL PX- O 1 5 AIR TAXI-PASSG	AlP, FLIGHT INSTR., AGE 40, 20000 TUTAL HOURS, 44 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT IN ANAKTUVUK PASS.AK TYPE OF ACCIDENT STALL MUSH	ITENDED DESTINATION OOLAH LAKE∙AK	PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCL	
	PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED PILOT IN COMMAND - FAILED TO	ATTENTION FROM OPER		
3 <del>-4</del> 015	7/22/78 NR.KOTZEBUE.AK TIME - 0800	DEHAVILLAND DHC-3 N26641	PX- 0 0 0 AIR TAXI-CARGO	CUMMERCIAL, AGE 47, 2641 TOTAL HOURS, 510 IN TYPE, INSTRUMENT RATED.
	7/22/78 NR.KOTZEBUE.AK TIME - 0800  DEPARTURE POINT IN KOTZEBUE.AK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTIO COLLISION WITH GROUND/WATER	)N	PHASE OF OPERATION IN FLIGHT NORMAL CRUISE LANDING LEVEL OFF/TOUCHDUWN	
•	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER MISCELLANEOUS ACTS, CONDITION MISCELLANEOUS ACTS, CONDITION FACTOR(S) WEATHER - CONDITIONS CONDUCT PARTIAL POWER LOSS - PARTIAL L WEATHER BRIEFING - BRIEFED BY WEATHER FORECAST - FORECAST SL EMERGENCY CIRCUMSTANCES - FORE	IS - ANTI-ICING/DEICI IS - ICE-CARBURETOR (VE TO CARB./INDUCTION COSS OF POWER - 1 ENC FLIGHT SERVICE PERSON OBSTANTIALLY CORRECT	ING EQUIPMENT-IMPROPER OPERATION OF/OR F DN SYSTEM ICING SINE DNNEL, BY PHONE	AILED TU USE .
	SKY CONDITION BROKEN		CEILING AT ACCIDENT SITE 1000 PRECIPITATION AT ACCIDENT SITE	
	VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED OBSTRUCTIONS TO VISION AT ACC. FOG		NONE TYPE OF WEATHER CONDITIONS VFR	
	TYPE OF FLIGHT PLAN VFR FIRE AFTER IMPACT		en e	

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILUT DATA .
3-4236	7/23/78 NR.LIVENGOOD.AK TIME - 1430 DEPARTURE POINT	HILLER UH12E3 N9762C DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 0 1 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 2437 TOTAL HOURS, 36 IN TYPE, INSTRUMENT RATED.
	LIVENGOND.AK TYPE OF ACCIDENT MISCELLANEOUS COLLIDED WITH TREES	LOCAL	TAKEO	F OPERATION FF VERTICAL FF OTHER	
	PROBABLE CAUSE(S) MISCELLANERUS - UNDETERM EMERGENCY CIRCUMSTANCES - REMARKS- LOSS OF CYCLIC CO	FORCED LANDING OFF AIRPO		WITH TREES DURING UN	CONTROLLED R/H TURNS.
3-4345	7/29/78 TOGIAK,AK TIME - 1645	EVANGEL 4500 N4501L DAMAGE-SUBSTANTIAL	PX- 0 0 3	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 38, 1219 TOTAL HOURS, UNK/NR IN TYPE, NUT INSTRUMENT RATEU.
	NAME OF AIRPORT - TOGIAK O DEPARTURE POINT DILLINGHAM.AK TYPE OF ACCIDENT GEAR RETRACTED			F OPERATION NG RULL	
	PROBABLE CAUSE(S) PILOT IN COMMAND - INADV	ERTENTLY RETRACTED GEAR			
3-3531	7/29/78 NR.KETCHIKAN.AK TIME - 1330  DEPARTURE POINT PENINSULA POINT.AK TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE HARD LANDING	N8318F DAMAGE-SUBSTANTIAL INTENDED DESTINATION KLAWOCK LAKE∙AK	PX- 0 0 1 LAST EN BEAVE PHASE 0 IN FL	COMMERCIAL AIR TAXI-PASSG  ROUTE STOP R CREEK,AK H OPERATION IGHT NORMAL CRUISE NG POWER-OFF AUTOROT	CUMMERCIAL, AGE 33, 3022 TOTAL HUURS, 1000 IN TYPE, INSTRUMENT RATED.  ATIVE LANDING
		TIONS - VIBRATION, EXCES D TO FOLLOW APPROVED PRO TIONS - IMPROPER EMERGE D TO MAINTAIN ADEQUATE O	SIVE DCEDURES,DIRECT NCY PROCEDURES ROTOR R.P.M.		

FILE			AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA
3-3706	7/30/78 TIME - 11	NR.BETTLES.AK DO POINT	CESSNA U206F N1041V DAMAGE-DESTROYED INTENDED DESTINATION KOTZEBUF-AK	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 31, 2671 TOTAL HOURS, 80 IN TYPE, INSTRUMENT RATED.
	TYPE OF A	CCIDENT ON WITH GROUND/WAT	ER CONTROLLED		DF OPERATION LIGHT NORMAL CRUISE	
	PILOT I	N COMMAND - CONTINU N COMMAND - IMPROP	JED VFR FLIGHT INTO AD ER IN-FLIGHT DECISIONS IONS - UNWARRANTED LOW	OR PLANNING	CONDITIONS	
	POWERPL MISCELL WEATHER	ANT - ENGINE ACCES ANEOUS ACTS.CONDIT - LOW CEILING	TED OPERATION W/KNOWN SORIES VACUUM PUMPS TONS - MATERIAL FAILUR OF BRIEFING RECEIVED		N EQUIPMENT	
		DRECAST - FORECAST				
	UNKNOWN OBSTRUCTI		CCIDENT SITE	CEILIN 3000 PRECIP UNKNI	G AT ACCIDENT SITE ITATION AT ACCIDENT SITE WAYNOT REPORTED WEATHER CONDITIONS	fE
	VFR FIRE AFTE		TO BE INOPERATIVE.			
2 2215	8/7/78	DT DOSSESSION AV	CESSNA 180C	CD-	COMMERCIAL	CUMMERCIAL, AGE 53, 12500
5-5515	TIME - 19		N96019 DAMAGE-SUBSTANTIAL	PX- 0 0 0	AIR TAXI-PASSG	TOTAL HOURS, 1975 IN TYPE, INSTRUMENT RATED.
	ANCHORA TYPE OF A	GE • AK	INTENDED DESTINATION RETURN	LAST E PT. P PHASE	NROUTE STOP POSSESSION,AK DF UPERATION ING ROLL	
		N COMMAND - SELECT	ED UNSUITABLE TERRAIN FTWOOD SNAG WHILE LAND	ING ON BEACH A	T HIGH TIDE.	

FILE	DATE LOC	CATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILUT DATA
3 <b>-</b> 3299	8/10/78 NR.KETCHI	KAN•AK I	BELL 206B N59562 DAMAGE-DESTROYED NTENDED DESTINATION RETURN	CR- 0 0 1 PX- 0 0 2 LAST EN FIELL PHASE 0	COMMERCIAL AIR TAXI-PASSG  JROUTE STOP SITE F OPERATION FF VERTICAL	
	FACTOR(S) MISCELLANEOUS AC	TS,CONDITIO	D ALTITUDE AND CLEAR NS — AIRCRAFT CAME T VESSEL•ACFT HOVERED	O REST IN WATER		D ABOVE PAD SURFACE.
3-4241	8/11/78 NR.KENAI. TIME - 0950 DEPARTURE POINT	I	DEHAVILLAND DHC-2 N5319G DAMAGE-SUBSTANTIAL NTENDED DESTINATION		COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 25, 1235 TOTAL HUURS, 110 IN TYPI INSTRUMENT RATED.
	ANCHORAGE,AK TYPE OF ACCIDENT COLLISION WITH G		ILIAMNA,AK UNCONTROLLED		)F OPERATION IGHT UNCONTROLLED D	ESCENT
	PILOT IN COMMAND FACTOR(S) WEATHER - FOG MISCELLANEOUS AC WEATHER BRIEFING -	CTS.CONDITION BRIEFED BY	D VFR FLIGHT INTO AD DISORIENTATION NS - AIRCRAFT CAME T FLIGHT SERVICE PERS UBSTANTIALLY CORRECT	O REST IN WATER ONNEL, BY PHONE		
	SKY CONDITION OBSCURATION VISIBILITY AT ACCI	IDENT SITE		UNKNO	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT S	SITE
	ZERO OBSTRUCTIONS TO VI FOG TYPE OF FLIGHT PLA		IDENT SITE		WEATHER CONDITIONS	
	VFR REMARKS- FLOAT EQU	JIPPED.PIC C	ONTINUED VFR FLIGHT	INTO FOGBANK.		
3-3047	8/30/78 KING SA TIME - 1725	ALMON,AK	CESSNA 180H N3488Y DAMAGE-SUBSTANTIAL		COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 30, 2578 TOTAL HOURS, 18 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - DEPARTURE POINT KING SALMON, AK TYPE OF ACCIDENT COLLIDED WITH O	I		PHASE (	OF OPERATION FF RUN	
	PROBABLE CAUSE(S)	- FAILED T	O MAINTAIN DIRECTION ESTER MOUNT•			

FILE		LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPÖSE	PILOT DATA		
	9/9/78 TIME - 19 NAME OF A DEPARTURE	BETHEL.AK 15 IRPORT - BETHEL POINT	CESSNA 206	CR- 0 0 1 PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG ROUTE STOP	CUMMERCIAL, AGE 34, 2400 101AL HOURS, 250 IN TYPE, NOT INSTRUMENT RATED.		
	BETHEL, TYPE OF AI NOSE OV	CCIDENT	SAK,AK F OPERATION DFF ABORTED					
		N COMMAND - DELAY	ED ACTION IN ABORTING TO TED WRONG RUNWAY RELATI		WIND	•		
	MISCELL MISCELL	ANEOUS ACTS,CONDI ANEOUS ACTS,CONDI COMPANY VER FLT F		LL AVAILABLE RU	ΙΝΜΑΥ			
3-4407	TIME - 14	47	SOLOY 12EJ3 N5384V DAMAGE-DESTROYED		CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 30, 5283 TOTAL HUURS, 1003 IN TYPE, NUT INSTRUMENT RATED.		
		IRPORT - WRANGELL POINT	INTENDED DESTINATION	LAST EN	ROUTE STOP			
	WRANGELL	•AK	RETURN	FIELU	SITE			
	TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE MAIN ROTOR COLLISION WITH GROUND/WATER UNCONTROLLED PHASE OF OPERATION LANDING FINAL APPROACH LANDING FINAL APPROACH							
	ROTORCR	EL - PRODUCTION-D AFT - ROTOR ASSEM	ESIGN-PERSONNEL SUBSTAI BLIES MAIN ROTOR BLADE: TIONS - IMPROPER CLEARAI	S	ONTROL			
	MISCELL		TIONS - SEPARATION IN F DERSIZE THREADS ON ANTI-		Y(PN 2253-1124-1).ANT	I-NODE WT SEP IN-FLT.		

FILE	DATE	LUCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	ATAU FUJIY
	9/13/78 TIME - 11 DFPARTURE ANCHORA TYPE OF A	NR.WHITTIER,AK 30 POINT GE,AK CCIDENT		CR- 1 0 0 PX- 5 0 0		CUMMERCIAL, AGE 26, 3125 TOTAL HOURS, 106 IN TYPF, INSTRUMENT RATED.
	PILOT I FACTOR(S) WEATHER WEATHER MISCELL MISCELL WEATHER B	N COMMAND - CONTIN N COMMAND - IMPROF - SUDDEN WINDSHIF - DOWNDRAFT, UPDR. ANEDUS ACTS, CONDI ANEOUS ACTS, CONDI RIEFING - BRIEFED		OR PLANNING  CANYON  REST IN WATER	₹	
	VISIRILIT UNKNOWN ORSTRUCTI UNKNOWN TYPE OF W UNKNOWN	/NOT REPORTED Y AT ACCIDENT SITE /NOT REPORTED	ACCIDENT SITE	PRECIP UNKNO TEMPERA 53	; AT ACCIDENT SILE WM/NOT REPORTED HATION AT ACCIDENT SITE WM/NOT REPORTED TORRES FLIGHT PLAN	
3-4088	9/20/78 TIME - 13	NR.SKWENTNA,AK 25	CESSNA 182 N8957T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, FL.INSTR., AGE 35, 2200 TUTAL HOURS, 20 IN TYPE, NOT INSTRU-
	TYPE OF A	GE.AK CCIDENT FAILURE OR MALFUNC	INTENDED DESTINATION COLLINSVILLE.AK	IN FL	DF OPERATION IGHT NORMAL CRUISE ING LEVEL OFF/TOUCHOUWN	MENT RATED.
	PILOT I MISCELL FACTOR(S) PERSONN POWERPL MISCELL COMPLETE	N COMMAND - INADEG N COMMAND - MISMAN ANEGUS ACTS, CONDIT EL - MAINTENANCE, S ANT - EXHAUST SYST ANEGUS ACTS, CONDIT POWER LOSS - COMPL	IONS - FUEL EXHAUSTION  ERVICING, INSPECTION IN	NADEQUATE MAINT ING MEDUT-1 ENGINE		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	RIES S M	/ N	FLIGHT PURPOSE	PILO1 DATA
								AIRLINE TRANSPORT, AGE 34, 7358 TOTAL HOURS, 3990 IN TYPE, NOT INSTRU- MENT RATED,
	DEPARTURE F KENAI, AK TYPE OF ACC	CIDENT R/ROTOR FAILURE T	INTENDED DESTINATION RETURN		OI PHAS IN	L P E C FL	IROUTE STOP LATFORMS JF OPERATION IGHT NORMAL CRUISE IGHT POWER-ON DESCEN	ıT
	MISCELLAN FACTOR(S) MISCELLAN EMERGENCY O	FT - FLIGHT CONTRO NEOUS ACTS, CONDIT: NEOUS ACTS, CONDIT: CIRCUMSTANCES - FO	UL SYSTEMS TAIL ROTOR IONS - MATERIAL FAILUR IONS - AIRCRAFT CAME TO RCED LANDING OFF AIRPO ROTOR PITCH CONTROL	E DRESTIN	N WA	TER		ISTALLATIUN.
3-4210	10/11/78 TIME - 1704	CHIGNIK LAKE•AK	CESSNA 402 N3963C DAMAGE-SUBSTANTIAL	CR- U PX- 0	0	1 2	CHMMERCIAL AIR TAXI-PASSG	IN TYPE, NOT INSTRUMENT
		CIDENT	KE INTENDED DESTINATIΩN CHIGNIK LAKE∙AK	1	-		F OPERATION NG ROLL	RA I ED.
	MISCELLAN FACTOR(S) AIRPORTS	- LANDING GEAR N NEOUS ACTS.CONDITI /AIRWAYS/FACILITIE	ORMAL RETRACTION/EXTERNORS - MATERIAL FAILURES - AIRPORT CONDITION ACT ROD ATTACH LUG FA	E S POORL			TAINED RUNWAY SURFACE	

FILE		LOCATION		INJURIE F S	S M/N	FLIGHT PURPOSE	PILUT DATA
3 <b>-</b> 4357	10/13/78 TIME - 1644	BARROW, AK	DEHAVND CAN DHC-6 N4048B DAMAGE-SUBSTANTIAL	CR- 1 C PX- 0 1	0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 32, 4302 TOTAL HOURS, 892 IN TYPE, INSTRUMENT RATED.
			RS MEM'L INTENDED DESTINATION BARROW, 4K	PHA	SE O	ROUTE STOP UVUK PASS F OPERATION NG FINAL APPRDACH	
	PERSONNEL AIRFRAME MISCELLAN PILOT IN MISCELLAN PILOT IN FACTOR(S) PERSONNEL PERSONNEL WEATHER —	COMMAND - CONTIN - MAINTENANCE.5% - FLIGHT CONTROL EDUS ACTS.CONDIT COMMAND - FAILED EDUS ACTS.CONDIT COMMAND - MISUSE - OPERATIONAL SI - OPERATIONAL SI ICING CONDITION	IONS - IMPROPERLY INSTA TO USE OR INCORRECTLY IONS - ANTI-ICING/DEICI OR FAILED TO USE FLAM JPERVISORY PERSONNEL IPERVISORY PERSONNEL S-INCLUDES SLEET,FREEZ	NADEQUATE A ALLED USED MISC ING EQUIPME PS INADEQUATE DEFICIENCY, ING RAIN, E	EQUINT-I FLIG	ENANCE AND INSPECTION  PMENT  MPROPER OPERATION OF  HT TRAINING-PROCEDURE	YOR FAILED TO USE
	WEATHER FOR	ECAST - FORECAST	BY FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT				
		AT ACCIDENT SITE (UNLIMITED)		PR E	00	AT ACCIDENT SITE	ITE
	NONE		CCIDENT SITE	F VIW	IGHT D DI	E BEARING OF WIND QUARTERING HEAD WINI RECIION-DEGREES	) 023-067 DEGREES
	WIND VELOCI 7	TY-KNOTS GHT PLAN	en et en	TYF	E OF	WEATHER CONDITIONS	
	VFR FIRE AFTER	IMPACT	ED DE-ICE BONTS ON HORI			Z ER•	
	en e						
3-3695	10/15/78 NR TIME - UNK/		CESSNA 185 N70269 DAMAGE-DESTROYED				CUMMERCIAL, AGE 59, 27000 10TAL HUURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
						DOUTE CTOP	
		NED: IDENT NINT	INTENDED DESTINATION RETURN	LAS UI PHA	T EN IKNOW SE O INKNO	N/NOT REPORTED F OPERATION WN/NOT REPORTED	

FILE	DATE	LOCATION	AIRCRAFT DATA	F S M/N	FLIGHT PUR POSE	PILUT DATA
3-4087	10/20/78 NR TIME - 0945		CESSNA 185	CR- 0 0 1 PX- 0 0 3	COMMEDITAL	CUMMERCIAL, FL.INSTR., AGE 44, 1720 TOTAL HOURS. 200 IN TYPE, NUT INSTRU- MENT RATED.
	DEPARTURE P ILIAMNA,A TYPE OF ACC STALL MU	K. IDENT	INTENDED DESTINATION TALARIK CREEK,AK		F OPERATION FF INITIAL CLIMB	MENT RATED.
	PILOT IN MISCELLAN	COMMAND - MISJUDG COMMAND - ATTEMPT EOUS ACTS, CONDITI	ED DISTANCE AND ALTIT ED OPERATION W/KNOWN ONS - PREVIOUS DAMAGE ORG PREVIOUS LOG.		EQUIPMENT	
3-3298	10/20/78 TIME - 1630	ATKASUK.AK	CESSNA 207A N7301U DAMAGE-SUBSTANTIAL	PX- 0 0 5	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 22, 1635 TOTAL HOURS, 292 IN TYPE, INSTRUMENT RATED,
	DEPARTURE P ATKASUK A TYPE OF ACC	K	INTENDED DESTINATION BARROW.AK	PHASE D	F OPERATION FF ABORTED	INSTRUMENT RATED.
	PILOT IN FACTOR(S) AIRPORTS/	COMMAND - PREMATU COMMAND - SELECTE AIRWAYS/FACILITIE	D UNSUITABLE TERRAIN S - AIRPORT CONDITION:	S SNOW ON RUNW		
			ONS - RAN OFF END OF PE,COVERED WITH 6 TO		W •	* * * * * * * * * * * * * * * * * * *
3-4267	10/30/78 TIME - 1650		CESSNA 180 N7654K DAMAGE-SUBSTANTIAL	PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 29, 1697 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE P KING SALM TYPE OF ACC NOSE OVER	IDENT		LAST EN PEDER PHASE ()	ROUTE STOP SON POINT,AK F OPERATION NG ROLL	
	AIRPORTS/	COMMAND - IMPROPE AIRWAYS/FACILITIE	R IN-FLIGHT DECISIONS S - AIRPORT CONDITION S - AIRPORT CONDITION	S PODRLY MAINT	AINED RUNWAY SURFACE	
•	MISCELLAN		ONS - POORLY PLANNED TER WITH SOFT SPOTS.	APPROACH ·		

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOSE	PILUT DATA					
			CR- 0 0 1 COMMERCIAL PX- 0 0 3 AIR TAXI-PASSG						
	NAME OF AIRPORT - LIME DEPARTURE POINT MCGRATHAK TYPE OF ACCIDENT UNDERSHOOT GEAR COLLAPSED	VILLAGE INTENDED DESTINATION LIME VILLAGE,AK	PHASE OF OPERATION LANDING FINAL APPROACH LANDING FINAL APPROACH						
	PROBABLE CAUSE(S) PILOT IN COMMAND - MI FACTOR(S)	SJUDGED DISTANCE AND ALTIT	UDE						
		NDITIONS — OVERLOAD FAILUR Gravel bar.	e E	· · · · · · · · · · · · · · · · · · ·					
3-4409	10/30/78 NAPASKIAK.AK TIME - 0920	CESSNA 207A N1844 OAMAGE-DESTROYED	CR- 0 0 1 COMMERCIAL PX- 0 0 6 AIR TAXI-PASSG	CUMMERCIAL, FL.INSTR., AGE 26, 1400 TOTAL HUBRS. 400 IN TYPE, INSTRUMENT RATED.					
	NAME OF AIRPORT - NAPAS		LAGE SWIGHTS CTOP						
	BETHEL AK	INTENDED DESTINATION RETURN	NAPASKIAK.AK						
	TYPE OF ACCIDENT ENGINE FAILURE OR MAL COLLIDED WITH DITCHE		PHASE OF OPERATION TAKEOFF, INITIAL CLIMB TAKEOFF, ABORTED						
	PROBABLE CAUSE(S)  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S)  AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY								
	MISCELLANEOUS ACTS,CO MISCELLANEOUS ACTS,CO	AIRPORTS/AIRWAYS/FACILITIES — AIRPORT CONDITIONS SOFT RUNWAY MISCELLANEDUS ACTS.CONDITIONS — RAN OFF FND OF RUNWAY MISCELLANEDUS ACTS.CONDITIONS — AIRCRAFT CAME TO REST IN WATER PARTIAL POWER LOSS — PARTIAL LOSS OF POWER — 1 ENGINE							
	FIRE AFTER IMPACT REMARKS— ACFT CAME TO R		AO 7 147						

FILE	DATE	LUCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILU) DATA	
3-4410	11/3/78 TIME - 1000	DUTCH HARBOR,AK	LEAR JET 24D N455 JA DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 28, 5874 TOTAL HOURS, 609 IN TYPE, INSTRUMENT RATED.	
	DEPARTURE F ANCHORAGE TYPE OF ACC OVERSHOOT	CIDENT	OR INTENDED DESTINATION DUTCH HARBOR∙AK	LAND	IF OPERATION . ING LEVEL OFF/TOUCHDUWI NG ROLL	N	
	PILOT IN FACTOR(S)	COMMAND - MISJUDO	SED DISTANCE AND SPEED R COMPENSATION FOR WIN	ID CONDITIONS			
	AIRPORTS MISCELLAN WEATHER BR	/AIRWAYS/FACILITIE NEOUS ACTS.CONDITI IEFING — BRIEFED E	COMMITTONS  SS - AIRPORT CONDITIONS  ONS - OVERLOAD FAILURE  Y FLIGHT SERVICE PERSO  SUBSTANTIALLY CORRECT				
	5 OR HOVE	AT ACCIDENT SITE R(UNLIMITED) NS TO VISION AT AC	CIDENT SITE	CEILING AT ACCIDENT SITE 2500  PRECIPITATION AT ACCIDENT SITE SNOW, RAIN  RELATIVE BEARING OF WIND RIGHT CROSS WIND 068-112 DEGREES WIND DIRECTION-DEGREES 230			
	WIND VELOCE 14 TYPE OF FLE IFR REMARKS— CO	IGHT PLAN	BOUNDARY MARKER-GUSTS	VFR	WEATHER CONDITIONS		
3-4411	11/4/78 TIME - 0540	ANCHORAGE, AK O			COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 35, 14795 TOTAL HOURS, 1970 IN TYPE, INSTRUMENT RATED.	
		CIDENT	INTL INTENDED DESTINATION DUTCH HARBOR, AK		OF OPERATION C STARTING ENGINE(S)		
	PERSONNEL	COMMAND - INADEQU L - MAINTENANCE,SE	ATE PREFLIGHT PREPARAT RVICING, INSPECTION IN 3 NOV REQUIRING GEAR S	IADEQUATE INSPE	NNING CTION OF AIRCRAFT (MAIN	NTENANCE PERSONNEL)	

FILE	DATE		AIRCRAFT DATA	F :	S M/N	PURPOSE	PILUT DATA
	11/8/78 TFL TIME - 1130 NAME OF AIRPOR DEPARTURE POIN TELLER.AK	LLER•AK ST - TELLER	CESSNA 185 N3489Y DAMAGE-SUBSTANTIAL INTENDED DESTINATION BREVIG MISSION,AK	CR- 0	0 1	COMMERCIAL AIR 1AXI-PASSG	CUMMERCIAL, AGE 33, 4200
	TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE			PHASE OF OPERATION TAKEOFF RUN			
	MISCELLANEOU FACTOR(S) MISCELLANEOU	MMAND - INADEC US ACTS, CONDIT US ACTS, CONDIT	DIATE PREFLIGHT PREPARATIONS - IMPROPERLY LOADE TONS - IMPROPERLY SECUR TAGAINST PETALS.	D AIRCRAF		· · · ·	
3-4310	UNALAKLEET.	7K 11	REECH 36 N7512N DAMAGE-SURSTANTIAL INTENDED DESTINATION NULATO,AK	PX- 0	0 5	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 37, 1960 TOTAL HOURS, 462 IN TYPE, NUT INSTRUMENT RATED.
	TYPE OF ACCIDE ENGINE FAILS WHEELS-UP	INT JRE OR MALFUNC	CTION	Pł	IN FL	F OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN	N
	MISCELLANEOU MISCELLANEOU	- ENGINE STRUC IS ACTS, CONDIT IS ACTS, CONDIT	CTURE CRANKSHAFT IONS — FATIGUE FRACTURE IONS — INTENTIONAL WHEE ORCED LANDING OFF AIRPO	ELS-UP	۷D		

FILE	DATE LOCATI			PILUT DATA
	11/11/78 AKUTAN BAY TIME - 1345		CR- 0 0 1 COMMERCIAL PX- 0 0 1 AIR TAXI-PASSG	CUMMERCIAL, AGE 39, 10730 TUTAL HUURS, 4850 IN TYPE, INSTRUMENT RATED.
	TYPE OF ACCIDENT COLLIDED WITH OBJE	СТ	PHASE OF OPERATION TAKEOFF RUN	
	FACTOR(S) WEATHER - UNFAVORAB	IMPROPER COMPENSATION FOR WIN LE WIND CONDITIONS RECORD OF BRIEFING RECEIVED	ND CONDITIONS	
	SKY CONDITION CLEAR	•	CEILING AT ACCIDENT SITE UNLIMITED	
	VISIBILITY AT ACCIDENT 5 OR OVER (UNLIMITED		PRECIPITATION AT ACCIDENT SITE	
	OBSTRUCTIONS TO VISIO		WIND DIRECTION-DEGREES 180	
	WIND VELOCITY-KNOTS 20 TYPE OF FLIGHT PLAN		TYPE OF WEATHER CONDITIONS VFR	
	VER REMARKS- GUSTS TO 30	KNTS. A/C COLLIDED WITH SHIPS	S BUOY.	
3-4298	11/21/78 CRAB BAY.A TIME - 0930	N3382	CR- 0 0 1 COMMERCIAL PX- 0 0 0 AIR TAXI-CARGU	CUMMERCIAL, AGE 45, 10800 TOTAL HUURS, 800 IN TYPE,
	DEPARTURE POINT JUNEAU,AK	DAMAGE-SUBSTANTIAL INTENDED DESTINATION CRAB BAY,AK	•	NUÍ INSTRUMENT RATED.
	TYPE OF ACCIDENT NOSE OVER/DOWN		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDUWN	
	FACTOR(S)	FAILED TO RETRACT LANDING GE		

FILE	DATE	LUCATION	AIRCRAFT DATA	INJURIES F S M/N		PILUI DATA		
3-4413	TIME - 1555	r	DEHAVILLAND DHC-2 N37906 DAMAGE-DESTROYED INTENDED DESTINATION HYDABURG-AK		COMMERCIAL AIR 1AXI-PASSG	CUMMERCIAL, AGE 36, 2632 TUTAL HOURS, 990 IN TYPF, INSTRUMENT RATED.		
	TYPE OF ACCIDEN	NT	TER CONTROLLED		H OPERATIUN IGHT NORMAL CRUISE			
	FACTOR(S)  WEATHER - LOW CEILING  WEATHER - RAIN  WEATHER - FOG  WEATHER - FOG  WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE  WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT							
	SKY CONDITION UNKNOWN/NOT R VISIBILITY AT A	REPORTED		UNKNOV PRECIPI	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SI	те		
	UNKNOWN/NOT R OBSTRUCTIONS TO FOG		ACCIDENT SITE		RAIN TYPE OF WEATHER CUNDITIONS IFR			
•	TYPE OF FLIGHT OTHER FIRE AFTER IMPA REMARKS- FLOAT	\CT	MPANY FLT PLAN.WITNESS S	STATED CEILING (	LOW & CLUSING DOWN IN	AREA.		

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	DATE	LOCATION	AIRCRAFT DATA			PILOT DATA				
	11/29/78 TIME - 1842	MC GRATH, AK	PIPER PA-32	CR- 0 1 0		COMMERCIAL, AGE 25, 158				
		PORT - MC GRATH								
		•	INTENDED DESTINATION							
		AK	MC GRATH, AK		ALINA, AK					
	TYPE OF ACC			PHASE OF OPERATION						
	CULLISION	I WITH GROUND/WAT	ER CONTROLLED	EOFF INITIAL CLIMB						
	PROBABLE CA	USF(S)								
		PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL								
	PILOT IN COMMAND - INITIATED FLIGHT IN ADVENSE WEATHER CONDITIONS									
	PILOT IN COMMAND - SPATIAL DISORIENTATION									
	FACTOR(S)									
	PILOT IN COMMAND - PSYCHOLOGICAL CONDITION									
	PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL INADEQUATE SUPERVISION OF FLIGHT CREW									
	PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY, COMPANY MAINTAINED EOPMT, SERVICES, REGULATION WEATHER - OTHER WEATHER - OF OR OTHER OF OR OTHER OF OTHER OF OTHER OF OTHER OF OTHER OF OTHER OTHE									
	WEATHER - FOG									
	WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT									
		. Wast Tantedast	Some of the contract of the co							
	SKY CUNDITI				NG AT ACCIDENT SITE					
	SCATTERED			2500						
		AT ACCIDENT SITE		PRECIPITATION AT ACCIDENT SITE						
		(UNLIMITED)	_	NONE						
		IS TO VISION AT A	CCIDENT SITE	TEMPERA JURE-F						
	FOG			19						
	MIND VELOCI	1 Y-KN(11 S			TYPE OF WEATHER CONDITIONS					
	CALM	SUF DIAM		VFR						
	TYPE OF FLI VER	GHI PLAN			-					
	FIRE AFTER	IMPACT								
			TED VISUAL CUES.PLT HA							

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILUT DATA
3-4360	12/8/78 TIME - 113	SHELDONS POINT,AK O POINT I K CIDENT	CESSNA U-206 N5187U DAMAGE-SUBSTANTIAL NTENDED DESTINATION BETHEL + 4K	CR- 0 0 1 PX- 0 0 1 LAST ENR SHELDO PHASE OF	COMMERCIAL AIR TAXI-PASSG ROUTE STOP DNS POINT.AK	CUMMERCIAL, AGE 26, 960 TOTAL HOURS, 140 IN TYPE, INSTRUMENT RATED.
	PILOT IN FACTOR(S) MISCELLA WEATHER	COMMAND - SELECTED COMMAND - FAILED T NEOUS ACTS.CONDITIO	NS - RAN OFF END OF F	RUNWAY		
	VISIBILITY 3 MILES OBSTRUCTIO UNKNOWN/ WIND DIREC 90 TYPE OF WE VFR	NOT REPORTED  AT ACCIDENT SITE OR LESS INS TO VISION AT ACC NOT REPORTED TION-DEGREES  ATHER CONDITIONS	IDENT SITE	UNKNOP PRECIPI NONE TEMPERA 25 WIND VEI	AT ACCIDENT SITE NI/NOT REPURTED TATION AT ACCIDENT SITE TURE-F LOCITY-KNUTS FLIGHT PLAN	
3-4305	TIME - 140  NAME OF AI  DEPARTURE  DILLINGH  TYPE OF AC  ENGINE F	AM,AK	DAMAGE-SUBSTANTIAL NTENDED DESTINATION RETURN	PX- 0 0 6  LAST ENH EKWOK, PHASE OF	AIR TAXI-PASSG	CUMMERCIAL, AGE 32, 5020 TOTAL HOURS, 457 IN TYPE, NOT INSTRUMENT RATED.
	POWERPLA MISCELLA FACTOR(S) MISCELLA PARTIAL PO EMERGENCY	L - MAINTENANCE, SER NT - IGNITION SYSTE NEOUS ACTS, CONDITIO NEOUS ACTS, CONDITIO WER LOSS - PARTIAL	M MAGNETOS NS - MISSING NS - RANLOFF END OF F LOSS OF POWER - 1 ENG CED LANDING ON AIRPOF	RUNWAY GINE	ENANCE AND INSPECTION	

FILF	DATE LOCATION	AIRCRAFT DATA	INJURIES F F S M/N	FLIGHT PURPUSE	PILUT DATA				
-4306	12/10/70 ANGHODACE AK	ROCKWELL 500S N777DT DAMAGE-SUBSTANTIAL	CD 0 0 1 COM	MERCIAL TAXI-CARGU	AIP, FLIGHT INSTR., AGE 35, 5100 TUTAL HUURS, 21' IN TYPE, INSTRUMENT RATEU.				
	NAME OF AIRPORT - ELMEND								
	DEPARTURE POINT	INTENDED DESTINATION MIDDLETON ISL,AK	· · · · · · · · · · · · · · · · · · ·						
	TYPE OF ACCIDENT		PHASE OF OPE	ERATION					
	ENGINE FAILURE OR MALE HARD LANDING	UNCTION	IN FLIGHT LANDING (	CLIMB TO CRUISE LEVEL OFF/TOUCHDOWN	e. L				
	PROBABLE CAUSE(S)								
	PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHÊR CONDITIONS								
	MISCELLANEOUS ACTS,CONDITIONS - ICE-ENGINE PILOT IN COMMAND - IMPROPER LEVEL OFF								
	PILUI IN COMMAND - IMPROPER LEVEL OFF MISCELLANEOUS ACTS.CONDITIONS - ICE-WINDSHIELD								
	MISCELLANERIUS ACTS, CONDITTIONS — AIRFRAME ICE								
	FACTOR(S)								
	WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING WEATHER - LOW CELLING WEATHER - SNOW								
	WEATHER - SNUW PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE								
	WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT								
	EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT								
	SKY CONDITION OVERCAST		CEILING AT A	ACCIDENT SITE					
	VISIBILITY AT ACCIDENT S	ITE		ON AT ACCIDENT SITE					
	2 MILES OR LESS		SNOW, FREE		•				
	OBSTRUCTIONS TO VISION A	T ACCIDENT SITE	TEMPERATURE- 15	<b>-</b> F					
	WIND DIRECTION-DEGREES		WIND VELOCI	TY-KNUTS					
	320	N.C	10	CHT DIAN					
	TYPE OF WEATHER CONDITION TER	IN S	TYPE OF FLI	GHI PLAN					
		ICATED FOR OPERATION IN I	CING CONDITIONS-FRE	EZING RAIN REPORTEL	)				

FILE	DATE LOCAT	ION AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOSE	PILUT DATA
	12/19/78 NR.BETHEL,AI	K CESSNA 185 N2214T DAMAGE-SUBSTANTIAI INTENDED DESTINATION NEW TOK•AK	CR- 0 0 1 COMMERCIAL PX- 0 0 3 AIR TAXI-PASSG	CUMMERCIAL, AGE 37, 2000 10 (AL HUURS, 250 IN TYPE, NUI INSTRUMENT RATED.
	FACTOR(S) TERRAIN - SNOW-COV MISCELLANEOUS ACTS PARTIAL POWER LOSS -	CONDITIONS - OVERLOAD FAILUF PARTIAL LOSS OF POWER - 1 E CES - FORCED LANDING OFF AIRF	RE NGINE	
3-4371	12/21/78 CHEVAK,AK TIME - 1430	CESSNA 207 N7378IJ DAMAGE-DESTROYED	CR- 0 1 0 CUMMERCIAL PX- 2 4 0 AIR TAXI-PASSG	CUMMERCIAL, FL.INSTR., AGE 52, 2075 TUTAL HUNRS, 600 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - CH DEPARTURE POINT ST.MARYS.AK TYPE OF ACCIDENT COLLISION WITH GRO	EVAK INTENDED DESTINATION CHEVAK,AK UND/WATER CONTROLLED	PHASE OF OPERATION LANDING TRAFFIC PATTERN-CI	
	PILOT IN COMMAND - FACTOR(S)	CONTINUED VFR FLIGHT INTO AN SPATIAL DISORIENTATION  CONDITIONS - WHITEOUT	OVERSE WEATHER CONDITIONS	
3-2081	5/6/78 NR.WILCOX.A TIME - 1300	Z CESSNA 210 N93032 DAMAGE-SUBSTANTIAI	CR- 0 0 1 CUMMERCIAL PX- 0 0 3 AIR TAXI-PASSG L	CUMMERCIAL, FL.INSTR., AGE 29, 2337 TUTAL HUIRS, 5 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT FORT WORTH.TX TYPE OF ACCIDENT ENGINE FAILURE OR U COLLIDED WITH TRE	TUCSON+AZ MALFUNCTION	PHASE OF OPERATION IN FLIGHT DESCENDING LANDING ROLL	RATEO.
	PILOT IN COMMAND - MISCELLANEOUS ACTS FACTOR(S) TERRAIN - HIGH VEG COMPLETE POWER LOSS	IMPROPER IN-FLIGHT DECISIONS MISMANAGEMENT OF FUEL →CONDITIONS - FUEL EXHAUSTION ETATION - COMPLETE ENGINE FAILURE/FLA CES - FORCED LANDING OFF AIRF	N AMEOUT-1 ENGINE	

FILE			INJURIES FLIGHT F S M/N PURPOSE	PILUT DATA
3-3187	A/7/78 NR.PHOENIX.AZ TIME - 0746  DEPARTURE POINT PHOENIX.AZ TYPE OF ACCIDENT COLLISION WITH GROUND/ PROBABLE CAUSE(S) MISCELLANEOUS - UNDETE	HUGHES 269C N7477F DAMAGE-DESTROYED INTENDED DESTINATION PHOENIX, AZ	LAST ENROUTE STUP	
3-2846	NAME OF AIRPORT - CAREFR	DAMAGE-DESTROYED	CR- 0 0 1 COMMERCIAL PX- 0 0 2 AIR TAXI-PASSG  PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDO LANDING GO-AROUND	IN TYPE, INSTRUMENT RATED.
	PILOT IN COMMAND - SEL PILOT IN COMMAND - DEL FACTOR(S) MISCELLANEOUS ACTS,CON	JUDGED DISTANCE AND SPEED LECTED WRONG RUNWAY RELATI AYED IN INITIATING GO-ARD IDITIONS - DOWNWIND TO LAND WITH 5 KNDT TAILWI	VE TO EXISTING WIND NUND	
3-2916	TIME - 1730  NAME OF AIRPORT - YUMA I DEPARTURE POINT YUMA,AZ	N55679 DAMAGE-SUBSTANTIAL		CUMMERCIAL, AGE 50, 2519 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
	TYPE OF ACCIDENT COLLIDED WITH AUTOMOR PROBABLE CAUSE(S) PERSONNEL - MISCELLANE REMARKS- TRUCK TURNED IN	OUS-PERSONNEL DRIVER OF	PHASE OF OPERATION TAXI TO TAKEOFF  VEHICLE	

FILE	DATE	LUCATION	AIRCRAFT DATA	F S M/N	FLIGHT PURPOSE	PILUI DATA
-4416		RAND CANYON.AZ	BEECH E18S	CR- 0 0 1 PX- 0 0 10		CUMMERCIAL, FL.INSTR., AGE 44, 3517 TOTAL HOURS, 163 IN 1YPE, INSTRUMENT RATED.
	NAME OF AIRP DEPARTURE PO LAS VEGAS, TYPE OF ACCI GEAR COLLA	DENT NV	YON INTENDED DESTINATION GRAND CANYON∙AZ		- OPERATION NG ROLL	
	MISCELLANE	LANDING GEAR OUS ACTS, CONDIT	GEAR LOCKING MECHANISM IONS - OVERLOAD FAILUR FAILED•BELOW REOUIRED		ESS.	
-0038	2/17/78 F TIME - 1522	ORT SMITH,AR	CESSNA 3100 N972AC DAMAGF-DESTROYED	CR- 0 1 0 PX- 0 0 2	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, FL.INSTR., AGE 47, 5600 TUTAL HOURS, AOO IN TYPE, INSTRUMENT RATEU.
	NAME OF AIRP DEPARTURE PO FORT SMITH TYPE OF ACCI STALL MUS	I.AR DENT	H MUNI INTENDED DESTINATION KANSAS CITY,KS		- OPERATION NG FINAL APPROACH	
	FACTOR(S) WEATHER - WEATHER - AIRPORTS/A WEATHER BRIE WEATHER FORE	OMMAND - FAILED LOW CEILING SNOW IRWAYS/FACILITIE FING - BRIEFED CAST - FORECAST	TO OBTAIN/MAINTAIN FL'  ES - AIRPORT CONDITION  RY FLIGHT SERVICE PERS  SUBSTANTIALLY CORRECT  RECAUTIONARY LANDING O	S ICE/SLUSH ON DNNEL+ BY PHONE	RUNWAY	
	1 MILE OR	N T ACCIDENT SITE LESS TO VISION AT AG	CCIDENT SITE	500 PRECIPI SNOW TEMPERA 31	AT ACCIDENT SITE  IATION AT ACCIDENT SITE  FURE-F  LOCITY-KNOTS	<b>:</b>
	TYPE OF WEAT	HER CONDITIONS  R TKOF PLT RPRTI		IFR	FLIGHT PLAN	

FILE	DATE	LOCATION	AIRCRAFT DATA		F S M/N		ΡΙΙΟΤ ΠΔΊΔ
3-2930	10/3/78 TJME - 130	DE QUEEN,AR O		CR- PX-	0 0 1	COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, FL.INSTR., AGE 41, 1039 TUTAL HOURS, 219 IN TYPE, NOT INSTRU- MENT RATED.
	NAME OF AI DEPARTURE NACOGDOC TYPE OF AC GEAR RET	HES.TX CIDENT	DUNTY INTENDED DESTINATION DE QUEEN.AR			OF OPERATION ING ROLL	
		- LANDING GEAR	GEAR LOCKING MECHANISM TIONS — MATERIAL FAILUR				
3-1161	2/28/78 N TIME - 103	R.SOLVANG.CA O	AERO COMDR 500A N6143X DAMAGE-DESTROYED			CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, FL.INSTR., AGE 48, 17770 TOTAL HUURS, 2440 IN TYPE, INSTRUMENT RATE!)
	DEPARTURE VISALIA, TYPE OF AC COLLISIO	CA	INTENDED DESTINATION SANTA BARBARA•CA TER CONTROLLED		SANTA PHASE I	NRUUTE STOP A MARIA,CA DE UPERATION LIGHT DESCENDING	JISTROILINI KATEIV
	FACTOR(S) WEATHER WEATHER BR	COMMAND - CONTI - LOW CEILING IEFING - BRIEFED	NUED VFR FLIGHT INTO AD BY FLIGHT SERVICE PERS T SUBSTANTIALLY CORRECT	ONNEL,			
	VISIBILITY UNKNOWN/ OBSTRUCTIO GROUND F WIND DIREC	/LOWER SCATTERED AT ACCIDENT SIT NOT REPORTED NS TO VISION AT	E		1500 PRECIP UNKNO TEMPER 61	G AT ACCIDENT SITE ITATION AT ACCIDENT SIT WN/NOT REPURTED ATURE-F ELOCITY-KNOTS	r <b>E</b>
	110 TYPE OF WE IFR	ATHER CONDITIONS				FLIGHT PLAN	

FILE	DATE	LOCATION	AIRCRAFT DATA		FLIGHT PURPOSE	PILU? DATA			
3-0991	3/22/78 N TIME - 204		CESSNA T207A N7354II DAMAGE-DESTROYED			CUMMERCIAL, AGE 63, 6300 TUTAL HUURS, 30 IN TYPE, INSTRUMEN! RATED.			
			INTENDED DESTINATION						
	SANTA AN	• •	LAKE HAVASU CITY, AZ	2014.05	C. COCO L T. COL				
	TYPE OF AC	CIDEMI ON WITH GROUND/WAT	ER CONTROLLED		F OPERATION IGHT NORMAL CRUISE				
	DDODADLE (	500005 50005 60							
	PROBABLE CAUSE(S)  PILOT IN COMMAND — CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND — IMPROPER IN-FLIGHT DECISIONS OR PLANNING								
	FACTOR(S) MISCFLLANEOUS ACTS.CONDITIONS - UNWARRANTED LOW FLYING WEATHER - LOW CEILING WEATHER - FOG								
	WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT								
	SKY CONDIT	rinn -		CEILING	AT ACCIDENT SITE				
	BROKEN	·		1200					
		Y AT ACCIDENT SITE ER(UNLIMITED)		PRECIPI DRIZZ	TATION AT ACCIDENT SI	TE .			
		ONS TO VISION AT A	CCIDENT SITE		TEMPERATURE-F				
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		54					
		CTION-DEGREES		WIND VE	_OCITY-KNOTS	•			
	40			2					
		EATHER CONDITIONS		,.	FLIGHT PLAN				
	I FR			OTHER					
	REMARKS- \	/FR FLT PLAN FILED	BUT NOT OPENED.						

FILF	DATE	LUCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPUSE	PILUT DATA
3-2230	3/30/78 TIME - 225	BURBANK+CA O	LEAR 23 N133W DAMAGE-DESTROYED	CR- 0 0 3 PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 25, 2600 TOTAL HOURS, 1680 IN TYPE, INSTRUMENT RAJED.
	DEPARTURE PHOENIX, TYPE OF AC	RPORT - HOLLYWDDD POINT AZ CIDENT WITH FENCE,FENC	INTENDED DESTINATION BURBANK+CA		OF OPERATION NG RULL	RATED.
	MISCELLA AIRFRAME MISCELLA FACTOR(S) MISCELLA AIRPORTS WEATHER	COMMAND - MISUSE NEGUS ACTS, CONDIT - LANDING GEAR NEGUS ACTS, CONDIT NEGUS ACTS, CONDIT / AIRWAYS/FACILITI - RAIN IEFING - BRIEFED	D OR FAILED TO USE FLA IONS — FAILED TO EXTENI BRAKING SYSTEM (NORMAL IONS — MATERIAL FAILUR! IONS — HYDROPLANING ON ES — AIRPORT CONDITION BY FLIGHT SERVICE PERS! SUBSTANTIALLY CORRECT	D THE LANDING F SYSTEM) E WET RUNWAY S WET RUNWAY		
	4 MILES OBSTRUCTIO NONE TYPE OF WE IFR FIRE AFTER	AT ACCIDENT SITE OR LESS NS TO VISION AT A ATHER CONDITIONS IMPACT	CCIDENT SITE	5000 PRECIPI RAIN RELATIV RIGHT TYPE OF IFR	TATION AT ACCIDENT SI SHOWERS E BEARING OF WIND QUARTERING HEAD WIND FLIGHT PLAN	023-067 DEGREES
			-SKD VALVE INOP•PLT DI			
3-2441	5/30/78 TIME - 080	LOS ANGELES.CA	PIPER PA-31 N59839 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 1 0	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 24, 2810 TOTAL HOURS, 51 IN TYPE, INSTRUMENT
	DEPARTURE SANTA AN TYPE OF AC TURBULEN COLLISIO	A.CA CIDENT CE N WITH GROUND/WAT	INTENDED DESTINATION LOS ANGELES,CA	LANDI	F OPERATION NG FINAL APPROACH NG FINAL APPROACH	RATED.
	PILOT IN FACTOR(S) MISCELLA	NEOUS - VORTEX TU	ER IN-FLIGHT DECISIONS	OR PLANNING		

TIME - 1245 N1601S PX- 0 0 1 AIR TAXI-PASSG AGE 22, 94	ATAU TL									
DEPARTURE POINT INTENDED DESTINATION COLUMBIA, CA MARKLEEVILLE, CA TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING LEVEL OFF/TOUCHDOWN COLLIDED WITH OBJECT LANDING ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER WEATHER - SUDDEN WINDSHIFT WEATHER - DOWNDRAFT, UPDRAFTS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE	FL.INSTR., TUTAL HOURS , INSTRUMENT									
PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER WEATHER - SUDDEN WINDSHIFT WEATHER - DOWNDRAFT.UPDRAFTS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE										
WEATHER - DOWNDRAFT, UPDRAFTS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE										
	WEATHER - SUDDEN WINDSHIFT WEATHER - DOWNDRAFT,UPDRAFTS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE									
SKY CONDITION CEILING AT ACCIDENT SITE  CLEAR  UNLIMITED										
VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE  5 OR OVER(UNLIMITED) NONE										
OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND NONE UNKNOWN/NOT REPORTED										
TEMPERATURE-F TYPE OF WEATHER CONDITIONS 90 VFR										
TYPE OF FLIGHT PLAN OTHER REMARKS- COLLIDED WITH ROCKS & SMALL TREE AFTER DEPARTING RWY.RWY SLOPES 0.75% DOWN.										

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FILE			AIRCRAFT DATA	F S M/N	FLIGHT PURPOSE	PILUI DATA
		SAN FRANCISCO, CA		CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	
	DEPARTURE F SAN FRANC TYPE OF ACC	ISCO.CA IDENT /JET/ROTOR BLAST	SCO INTENDED DESTINATION CONCORD•CA	TAXI	OF OPERATIUN TO TAKEOFF TU TAKEOFF	
	MISCELLAN FACTOR(S)			OCEDURES, DIREC	TIVES, ETC.	
	5 OR OVER	AT ACCIDENT SITE (UNLIMITED) IS TO VISION AT AC TY-KNOTS	CIDENT SITE	UNKN( PRECIP NONE WIND D 280	G AT ACCIDENT SITE DWN/NOT REPORTED ITATION AT ACCIDENT SITE IRECTION-DEGREES F WEATHER CONDITIONS	
	REMARKS- AC	FT WAS UPSET BY P	ROPWASH OF LARGE ACFT	•WIND GUSTING	TO 40KTS.	
3-3015	9/15/78 TIME - 1925		BEECH 65A-80 N9780 DAMAGE-SUBSTANTIAL		COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPURT, AGE 26, 3693 TUTAL HOURS, 14 IN TYPE, INSTRUMENT RATEU.
	DEPARTURE P DAKLAND+C TYPE OF ACC	Α.	INTENDED DESTINATION COLUMBIA,CA		OF OPERATION ING ROLL	
	MISCELLAN	USE(S) - LANDING GEAR BI EDUS ACTS,CONDITI				
	MISCELLAN MISCELLAN	EOUS ACTS, CONDITI	ONS - RAN OFF END OF F ONS - INTENTIONAL GROU OG ROLL•ACFT STRUCK BO	UND-WATER-LOOP		

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUF F	S F	;  /N	PURPOSE	PILUT DATA
		HERMOSA BEACH.CA	CESSNA T210M	CR-	1	0	0	COMMERCIAL	COMMERCIAL, FL.INSTR., AGE 37, 1045 TOTAL HOURS, 24 IN TYPE, INSTRUMENT RATED.
	DEPARTURE	POINT	INTENDED DESTINATION						NA TED :
		ELES.CA	LONG BEACH+CA		С	нлс	E O	F OPERATION	
	ENGINE	TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION DITCHING					FL	IGHT CLIMB TO CRUISE NG LEVEL OFF/TOUCHDOWN	
	POWERPL MISCELL FACTOR(S) MISCELL PARTIAL P EMERGENCY	EL - MAINTENANCE,SE ANT - IGNITION SYST ANEOUS ACTS,CONDIT ANEOUS ACTS,CONDIT OWER LOSS - PARTIAL CIRCUMSTANCES - FF		ENT/AD D REST	JUS II WW	STME N WA	NT TER		
3-4208	12/20/78 TIME - 19	LOS ANGELES CA 54	PIPER PA-32 N4987F DAMAGE-DESTROYED	CR- PX-	0	1	0	COMMERCIAL AIR TAXI-CARGO	COMMERCIAL, AGE 26, 2165 TOTAL HOURS, 125 IN TYPE, INSTRUMENT RATED.
	NAME OF A	IRPORT - LOS ANGELI							THO INDICATE NATED.
	DEPARTURE	POINT	INTENDED DESTINATION						
	BURBANK TYPE OF A		LOS ANGELES CA		F	РΗΔ	E O	F OPERATION	
	TURBULE	NCE	NG FINAL APPROACH IGHT UNCONTROLLED DESCEN	JΤ					
			TO FOLLOW APPROVED PK BULENCE	DCEDUR	ESη	DIF	ECT	IVES,ETC.	

FILE			AIRCRAFT DATA		FSM	/N		PIL(1 DATA	
	3/28/78 NR.GRANBY TIME - 1315 DEPARTURE POINT OWASSO.OK	<b>′∙</b> C⊓	BEECH 95-C55	CR- PX-	0 1	1	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 47, 6099 101AL HUURS, 681 IN TYPE, INSTRUMENT RATED.	
	TYPE OF ACCIDENT COLLISION WITH G						F OPERATION IGHT NORMAL CRUISE		
	PILOT IN COMMAND MISCELLANEOUS AC WEATHER - SNOW FACTOR(S) TERRAIN - HIGH O	D - IMPROPER CTS+CONDITION BSTRUCTIONS BRIEFED BY	VFR FLIGHT INTO ADV IN-FLIGHT DECISIONS S - DISREGARD OF GOO FLIGHT SERVICE PERSO REPORTED	OR PL DD OPE	ANNING RATING	PR	ACTICE		
	SKY CONDITION SCATTERED VISIBILITY AT ACCI 1/4 MILE OR LESS OBSTRUCTIONS TO VI BLOWING SNOW TYPE OF FLIGHT PLA NONE REMARKS- PLT ATTEM	SION AT ACCI	DENT SITE CENT THRU CLOUD COVE	≣R•	UN PREC SN	LIM IPI OW OF	AT ACCIDENT SITE ITED TATION AT ACCIDENT SI WEATHER CONDITIONS	TE	
3-3458	4/6/78 NR.SALIDA TIME - 1620 DEPARTURE POINT	IN	BELL 206B N216RM DAMAGE-SUBSTANTIAL TENDED DESTINATION				COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 32, 2991 TOTAL HOURS, 91 IN TYPE, NOT INSTRUMENT RATED.	
	WAUGH MTN↓CO TYPE OF ACCIDENT COLLISION WITH G		FIELD SITE UNCONTROLLED				DF OPERATION FF ABORTED		
	PROBABLE CAUSE(S)  MISCELLANEOUS - UNDETERMINED  FACTOR(S)  WEATHER - HIGH DENSITY ALTITUDE  EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
	SKY CONDITION CLEAR VISIBILITY AT ACCI 5 OR OVER(UNLIMI OBSTRUCTIONS TO VI NONE TYPE OF FLIGHT PLA NONE REMARKS- AC HIT RO	TED) SION AT ACCI N			UN PREC NO	LIM IPI NE OF	AT ACCIDENT SITE NITED TATION AT ACCIDENT SI WEATHER CONDITIONS	TE	

		_	AIRCRAFT DATA	F	S	M/N	PURPOSE	PILOT DATA				
		DANBURY, CT		CR- PX-	0 1	. 0		CUMMERCIAL, FL.INSTR., AGE 29, 658 TOTAL HOURS, 12 IN TYPE, INSTRUMENT RATED.				
	DEPARTURE		INTENDED DESTINATION									
	MANCHEST TYPE OF AC	ER•NH CIDENT	FLUSHING, NY		рни	\SF (	OF OPERATION					
	ENGINE F			]	N FL	IGHT NORMAL CRUISE ING FINAL APPROACH						
		COMMAND - INADEO	UATE PREFLIGHT PREPARA	TION AN	ID/OF	R PLA	NNING					
		MISCELLANEOUS ACTS, CONDITIONS - WATER IN FUEL TERRAIN - OTHER FACTOR(S)										
	PERSONNE	PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL DEFICIENCY, COMPANY MAINTAINED EQPMT, SERVICES, REGULATION PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE										
		CIRCUMSTANCES - F	DROED LANDING OFF AIRP		LANI	)						
	REMARKS- S	TROCK HOUSE CINE	EN OBSERVED DRAINING G	ALLUNS	OF F	UEL	FROM REFUELING TRUCK.					
3 <b>–</b> 4365	11/28/78 TIME - 090	HARTFORD.CT		CR-	1 (	) 0		ATP, FLIGHT INSTR., AGE 25, 3234 101AL HOURS, 17 IN TYPE, INSTRUMENT RATEU.				
3-4365	11/28/78 TIME - 090 NAME OF AI DEPARTURE	HARTFORD.CT 03 RPORT - HARTFORD POINT	AERDSTAR 601P N8999A DAMAGE-DESTROYED	CR-	1 (	) 0	COMMERCIAL	25, 3234 TOTAL HOURS, 170 IN TYPE, INSTRUMENT				
3-4365	11/28/78 TIME - 090 NAME OF AI DEPARTURE HARTFORD TYPE OF AC	HARTFORD.CT  RPORT - HARTFORD POINT .CT .CIDENT	AEROSTAR 601P N8999A DAMAGE-DESTROYED INTENDED DESTINATION NEWBURGH,NY	CR- PX-	1 (2 (	) 0 ) 0	COMMERCIAL AIR TAXI-CARGO  OF OPERATION	25, 3234 TOTAL HOURS, 170 IN TYPE, INSTRUMENT				
3-4365 ,	11/28/78 TIME - 090 NAME OF AI DEPARTURE HARTFORD TYPE OF AO ENGINE F	HARTFORD.CT 33 RPDRT - HARTFORD POINT	AEROSTAR 601P N8999A DAMAGE-DESTROYED INTENDED DESTINATION NEWBURGH,NY	CR- PX-	1 (2 (	O O	COMMERCIAL AIR TAXI-CARGO	25, 3234 TOTAL HOURS, 17 IN TYPE, INSTRUMENT				
3-4365 ,	11/28/78 TIME - 090 NAME OF AI DEPARTURE HARTFORD TYPE OF AC ENGINE COLLISIO PROBABLE O POWERPLA	HARTFORD.CT  RPORT - HARTFORD POINT CT CIDENT AILURE OR MALFUNC N WITH GROUND/WAT  CAUSE(S) NT - ENGINE STRUC	AEROSTAR 601P N8999A DAMAGE-DESTROYED INTENDED DESTINATION NEWBURGH,NY	CR- PX-	1 (2 (	O O	COMMERCIAL AIR TAXI-CARGO  OF OPERATION OF INITIAL CLIMB	25, 3234 TOTAL HOURS, 17 IN TYPE, INSTRUMENT				
3-4365	11/28/78 TIME - 090  NAME OF AI DEPARTURE HARTFORD TYPE OF AC ENGINE F COLLISIT PROBABLE C POWERPLA MISCELLA POWERPLA MISCELLA MISCELLA MISCELLA MISCELLA	HARTFORD.CT  RPORT - HARTFORD POINT .CT CIDENT AILURE OR MALFUNC NW WITH GROUND/WAT CAUSF(S) NNT - ENGINE STRUC NEOUS ACTS.CONDIT NT - EXHAUST SYST UNEOUS ACTS.CONDIT ONEOUS ACTS.CONDIT	AEROSTAR 601P N8999A DAMAGE-DESTROYED  INTENDED DESTINATION NEWBURGH.NY  TION ER UNCONTROLLED  TURE PISTON.PISTON RI IONS - OVERHEATED EM EXTERNAL SUPERCHAR IONS - ERRATIC F AIRCRAFT CONTROL.	CR- PX-	1 (2 (	O O	COMMERCIAL AIR TAXI-CARGO  OF OPERATION OF INITIAL CLIMB	25, 3234 TOTAL HOURS, 17 IN TYPE, INSTRUMENT				
3 <b>–436</b> 5	11/28/78 TIME - 090  NAME OF AI DEPARTURE HARTFORD TYPE OF AC ENGINE F COLLISIT  PROBABLE O POWERPLA MISCELLA MISCELLA MISCELLA MISCELLA MISCELLA MISCELLA MISCELLA MISCELLA COMPLETE F	HARTFORD.CT  RPORT - HARTFORD POINT .CT CIDENT AILURE OR MALFUNC NWITH GROUND/WAT  CAUSE(S) NWIT - ENGINE STRUC NEGUS ACTS.CONDIT NT - EXHAUST SYST NEGUS ACTS.CONDIT DETERMINED LOSS OF WER LOSS - PARTIA CURROWSTANCES - F	AEROSTAR 601P N8999A DAMAGE-DESTROYED  INTENDED DESTINATION NEWBURGH,NY  TION ER UNCONTROLLED  TURE PISTON,PISTON RI IONS - OVERHEATED EM EXTERNAL SUPERCHAR IDNS - ERRATIC	CR-PX-	PH)	O O O O O O O O O O O O O O O O O O O	COMMERCIAL AIR TAXI-CARGO  OF OPERATION OF INITIAL CLIMB	25, 3234 TOTAL HOURS, 170 IN TYPE, INSTRUMENT				

FILE	DATE L		AIRCRAFT DATA	F	S M	/ N	FLIGHT PURPOSE	PILUT DATA				
3-0567	3/16/78 NAPLE TIME - 1610		CESSNA 402B	CR- C	0	1	COMMERCIAL	AIRLINE TRANSPORT, AGE 31, 3734 TUTAL HOURS, 1172 IN TYPE, INSTRUMENT RATED.				
	NAME OF AIRPORT DEPARTURE POINT	1	INTENDED DESTINATION									
	CINCINNATI. OH TYPE OF ACCIDENT		NAPLES +FL		DHAS	e ne	OPERATION					
	ENGINE FAILURE	OR MALFUNCT	ION				IGHT DESCENDING	,				
	COLLIDED WITH DIRT BANK				LAi	NDIN	IG RULL					
	PROBABLE CAUSE(S											
	PILOT IN COMMA	NN1 NG										
	MISCELLANEOUS MISCELLANEOUS	PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS.CONDITIONS - INATTENTIVE TO FUEL SUPPLY MISCELLANEOUS ACTS.CONDITIONS - FUEL EXHAUSTION										
	TERRAIN - ROUGH/UNEVEN FACTOR(S)											
	MISCELLANEOUS ACTS, CONDITIONS - FAILURE OF TWO OR MORE ENGINES											
	MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES											
		STANCES - FOR	REED LANDING OFF AIRPO			NES						
3-0848	4/8/78 ST.PE	TERSBURG•FL	PIPER PA-28					PRIVATE, AGE 24, 223				
	TIME - 1204		N4731F	PX- 0	0	2	AIR TAXI-PASSG	TOTAL HOURS, ALL IN TYPE,				
		- ALBERT WHIT	DAMAGE-DESTROYED					NUT INSTRUMENT RATED.				
	NAME OF ATRPORT .											
	DEPARTURE POINT		INTENDED DESTINATION									
	DEPARTURE POINT VERO BEACH+FL				DUAC	E 01	- (DEDATION					
	DEPARTURE POINT		INTENDED DESTINATION	ž		_	- UPERATIUN NG FINAL APPROACH					
	DEPARTURE POINT VERO BEACH, FL TYPE OF ACCIDENT		INTENDED DESTINATION	*	LAI	NDIN						
	DEPARTURE POINT VERO BEACH.FL TYPE OF ACCIDENT OVERSHOOT STALL MUSH PROBABLE CAUSE(S PILOT IN COMMAI PILOT IN COMMAI	ND — MISJUDGE	INTENDED DESTINATION ST.PETERSBURG,FL  D DISTANCE AND SPEED IN INITIATING GO-AROU	IND	LA	NDIN	G FINAL APPROACH					
	DEPARTURE POINT VERO BEACH.FL TYPE OF ACCIDENT OVERSHOOT STALL MUSH PROBABLE CAUSE(S PILOT IN COMMAI PILOT IN COMMAI	ND — MISJUDGE	INTENDED DESTINATION ST.PETERSBURG, FL  ED DISTANCE AND SPEED	IND	LA	NDIN	G FINAL APPROACH					

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1732	6/4/78 D/	VTONA BEACH EL	CONVAIR 240 N91237 DAMAGE-SURSTANTIAL	CR- 0 0 3	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 28, 3317 TUTAL HOURS, 626 IN TYPE, INSTRUMENT RATED.
	DEPARTURE PO ORLANDO.FL TYPE OF ACCID	ORT - DAYTONA BE INT DENT PLOSION ON GROUI	INTENDED DESTINATION DAYTONA BEACH, FL		OF OPERATION FROM LANDING	NATED.
	POWERPLANT MISCELLANE	- MAINTENANCE,SE - FUEL SYSTEM I DUS ACTS,CONDITI	RVICING, INSPECTION IN INES AND FITTINGS ONS — DETERIORATED I ENG DUE FUEL LEAK F	_	TENANCE AND INSPECTION	
3-4226		C.LAUDERDALE,FL		PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE UNK/NR, 1205 TUTAL HOURS, 140 IN TYPE, NOT INSTRUMENT RATED,
	NAME OF AIRPO DEPARTURE PO ISLAMORADA TYPE OF ACCIE GEAR COLLAR		ALE INT INTENDED DESTINATION FT.LAUDERDALE,FL		OF OPERATION ING ROLL	RATED.
	PROBABLE CAUS	SE(S) DUS - UNDETERMIN	ED <u>.</u>			
3-4481	12/22/78 NR • F TIME - 1515	KEY WEST•FL	CESSNA 185 N2673Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 37, 5010 TUTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
		ENT	, INTENDED DESTINATION KEY WEST,FL		DF OPERATION ING ROLL	
	MISCELLANE( FACTOR(S) MISCELLANE(	LANDING GEAR NO DUS ACTS, CONDITION DUS ACTS, CONDITION	DRMAL RETRACTION/EXTERNS - MATERIAL FAILURE DNS - AIRCRAFT CAME TO JRING WATER LDG.FLOAT	E D REST IN WATE	3	

		AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA
	1/16/78 SAVANNAH,GA TIME - 1112	BEECH D18 N1828D DAMAGE-SUBSTANTIAL	CR- O O 2 COMMERCIAL PX- O O O AIR TAXI-CARGU	CUMMERCIAL, AGE 26, 3262 TOTAL HUURS, 1341 IN TYPE, NUT INSTRUMENT RATED.
	NAME OF AIRPORT - SAVANNA DEPARTURE POINT SAVANNAH-GA TYPE OF ACCIDENT COLLISION WITH AIRCRAFT	INTENDED DESTINATION ATLANTA→GA	PHASE OF OPERATION TAXI TO TAKEOFF	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MISJ REMARKS- OVERAN SMALLER A	UDGED SPEED AND CLEARANCE /C ON TAXIWAY.DAMAGE TO		
3-1108	4/11/78 MAC∩N.GA TIME - 2030	PIPER PA-34 N1401T DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMMERCIAL PX- 0 0 2 AIR TAXI-CARGO	COMMERCIAL, FL.INSTR., AGE 46, 824 TUTAL HOURS, 267 IN TYPE, INSTRUMENT
	NAME OF AIRPORT - LEWIS B DEPARTURE POINT ALBANY, GA TYPE OF ACCIDENT OVERSHOOT GEAR COLLAPSED		PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDUWN LANDING ROLL	RAIED.
	PILOT IN COMMAND - FAIL FACTOR(S) MISCELLANEOUS ACTS+COND	UDGED DISTANCE AND SPEED ED TO INITIATE GO-AROUND ITIONS - HYDROPLANING ON ITIONS - OVERLOAD FAILURI		
3-1448	6/23/78 ATLANTA,GA TIME - 1655	HUGHES 269C N9584F DAMAGE-DESTROYED	CR- 0 1 0 COMMERCIAL PX- 1 0 0 AIR TAXI-CARGO	COMMERCIAL, AGE 32, 2629 TOTAL HOURS, 750 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT ATLANTA-GA TYPE OF ACCIDENT COLLIDED WITH WIRES/PO	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT HOVERING	MOT INSTRUMENT KATED.
		TANEOUS-IMPROPER ACTION	∵ BANK.SKID OBSERVED LODGED BETWEEN RO	PE & PULE.

FILE		AJRCRAFT DATA			PILUI NATA
3-4320	11/8/78 NR.ST.MARYS.GA TIME - 1430		CR- 0 0 1 PX- 0 0 4	COMMERCIAL AIR TAXI-PASSG	
	NAME OF AIRPORT - CHANDLE DEPARTURE POINT JACKSONVILLE, FL TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH FENCE, FE	INTENDED DESTINATION CUMBERLAND ISLAND, GA	N PHASE ()F LANDIN	F OPERATION IG LEVEL DFF/TOUCHDOWI IG GO-AROUND	
	PROBABLE CAUSE(S) PILOT IN COMMAND - MIS.	UDGED DISTANCE AND SPEED YED IN INITIATING GO-AROU	JND		
3-2727	7/23/78 KAILUA KONA.H TIME - 0920	DEHAVILLAND 114-24 N16722 DAMAGE-SUBSTANTIAL	PX- 0 0 17	CUMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 61, 27500 TUTAL HOURS, 56 IN TYPE, INSTRUMENT, RATED.
	NAME OF AIRPORT - KE-AHOU DEPARTURE POINT KE-AHOLE HI TYPE OF ACCIDENT COLLISION WITH AIRCRAFT	INTENDED DESTINATION KAHULUI HI		OPERATION IDLING ENGINE(S)	NATED.
	PROBABLE CAUSE(S) PERSONNEL - MISCELLANEO REMARKS- PILOT OF N42S AU	IUS-PERSONNEL PILOT OF OT LOWED HIS ACFT TO MOVE FO		EFT PROP STRUCK TAJL (	UF N16722.
3-2727	7/23/7R KAILUA KONA.H TIME - 0920	DEHAVILLAND 104-5A N42S DAMAGE-MINDR	PX- 0 0 9	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 57, 7000 TUTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - KE-AHOL DEPARTURE POINT KE-AHOLE-KONA-HI. TYPE OF ACCIDENT COLLISION WITH AIRCRAFT	INTENDED DESTINATION KAHULUI,HI	PHASE OF Taxi	- OPERATION TO TAKEOFF	
	PROBABLE CAUSE(S) PILOT IN COMMAND - DIVE REMARKS- PILOTS ATTENTION	RTED ATTENTION FROM OPERA DIVERTED TO ADJUST RADIO			IL OF N16722.

		LOCATION	AIRCRAFT DATA	INJ F	JRIES S M/	N	FLIGHT PURP(ISE	PILOT DATA
3-4188	10/9/78 TIME - 104	WAIMEA CNYN, HI	RELL 206L N477KH DAMAGE-SUBSTANTIAL				DMMERCIAL IR TAXI-PASSG	
	KAUAI,HI TYPE OF AC ENGINE F	CIDENT AILURE OR MALFUNCTI	NTENDED DESTINATION LOCAL  ON CONTROLLED		ΙN	FLIG	OPERATION HI NURMAL CRUISE POWER-OFF AUTOROTAT	
	PILOT IN MISCELLA FACTOR(S) TERRAIN COMPLETE P EMERGENCY	COMMAND - INADEQUA COMMAND - MISMANAG NEOUS ACTS, CONDITION - HIGH VEGETATION OWER LOSS - COMPLET CIRCUMSTANCES - FOR	TE PREFLIGHT PREPARAT EMENT OF FUEL INS - FUEL EXHAUSTION E ENGINE FAILURE/FLAM CCED LANDING OFF AIRPO EL TO WIAMEA CNYN AND	MEOUT-1 DRT ON	ENGIN LAND	E		TER FLAMEUUT.
3-1483		R.RIGGINS.ID O	CESSNA 172 N73819 DAMAGE-SUBSTANTIAL	CR- (			DMMERCIAL IR TAXI-CARGO	CUMMERCIAL, FL.INSTR., AGE 40, 3554 TOTAL HOURS, 2200 IN TYPE, INSTRUMENT RATED.
	SPOKANE, TYPE OF AC OVERSHOO	WA CIDENT	NTENDED DESTINATION RIGGINS + ID		LAN	DING	DPERATION LEVEL OFF/TOUCHDOWN ROLL	
	FACTOR(S) TERRAIN WEATHER WEATHER BR	COMMAND - MISJUDGE	T REPORTED					
	5 OR OVE OBSTRUCTIO	ION  AT ACCIDENT SITE R(UNLIMITED) NS TO VISION AT ACC	IDENT SITE		UNL PRECI NON TEMPE	IMIT PITA E	TION AT ACCIDENT SITE	
	NONE TYPE OF WE VFR REMARKS- L	ATHER CONDITIONS			80 TYPE I		LIGHT PLAN	

FILE		AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA
3-2909	9/11/78 RIGGINS.IO TIME - 1215 DFPARTURE POINT CASCADE.ID TYPE OF ACCIDENT COLLISION WITH GROUND/WA	CESSNA 185F N80172 DAMAGF-DESTROYED INTENDED DESTINATION LOCAL	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO  OF OPERATION	CUMMERCIAL, AGE 24, 824 TUTAL HUURS, 95 IN TYPF, INSTRUMENT RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROMISCELLANEOUS ACTS, CONDITION FACTOR(S) WEATHER - LOW CEILING TERRAIN - HIGH OBSTRUCT WEATHER BRIEFING - OTHER	TIONS - FLEW INTO BLIND			
	SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SIT 5 OR OVER(INLIMITED) OBSTRUCTIONS TO VISION AT NONE TYPE OF FLIGHT PLAN NONE FIRE AFTER IMPACT REMARKS— MTN TOPS OBS.WX &	ACCIDENT SITE	6500 PRECIPI UNK NO TYPE OF VFR	AT ACCIDENT SITE TATION AT ACCIDENT SITE WN/NOT REPORTED WEATHER CONDITIONS	
3-3176	10/20/78 MC CALL.ID TIME - 1230 NAME OF AIRPORT - MCCALL DEPARTURE POINT MC CALL.ID TYPE OF ACCIDENT	PIPER PA-32 N55571 DAMAGE-SUBSTANTIAL INTENDED DESTINATION THOMAS CREEK•ID	PX- 0 0 3	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 60, 11200 TUTAL HUURS, 12 IN TYPF, INSTRUMENT RATED.
	STALL MUSH  PROBABLE CAUSE(S)  PILOT IN COMMAND - INADE  PILOT IN COMMAND - PREMA  PILOT IN COMMAND - FAILE  FACTOR(S)  MISCELLANEOUS ACTS.COND  REMARKS- EXCEEDED TROF WT	TURE LIFT-OFF ED TO OBTAIN/MAINTAIN FL ITIONS - IMPROPERLY LOAD	TAKED TION AND/OR PLA YING SPEED ED AIRCRAFT-WEI	FF INITIAL CLIMB	

FILE	DATE LOCATION	A IRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA				
3-338R	1/6/78 MARION,IL TIME - 1850	CESSNA 337G N71947 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 28, 1500 TUTAL HOURS, 400 IN TYPF, INSTRUMENT RATED.				
	NAME OF AIRPORT - WILLI DEPARTURE POINT GREENVILLE.KY TYPE OF ACCIDENT COLLIDED WITH ELECTR	INTENDED DESTINATION MARION,IL	LAST EN						
	PROBABLE CAUSE(S)  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS  MISCELLANEOUS ACTS.CONDITIONS - INTERFERENCE WITH FLIGHT CONTROLS  MISCELLANEOUS ACTS.CONDITIONS - PREVIOUS DAMAGE  FACTOR(S)								
	MISCELLANEOUS ACTS.CC WEATHER BRIEFING - BRIE	; ITROL SURFACES AILERON SUF INDITIONS — SEPARATION IN F FED BY FLIGHT SERVICE PERS CAST SUBSTANTIALLY CORRECT							
	SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT 2 MILES OR LESS OBSTRUCTIONS TO VISION		400 PRECIPI NONE TEMPERA	AT ACCIDENT SITE TATION AT ACCIDENT SI	TE				
	FOG TYPE OF WEATHER CONDITI IFR FIRE AFTER IMPACT REMARKS- HIT TWR AT 100	ONS OFT AGL LVL 27MI FRM DESTNA	NONE	FLIGHT PLAN SHED 1MI FRM DESTN.125	FT GUY WIRE,R WING.				
3-4085	1/11/78 WEST CHICAGO	D.IL BEECH G-18S N38RM DAMAGE-SUBSTANTIA	PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 26, 3831 TOTAL HOURS, 1075 IN TYPE, INSTRUMENT RATED.				
-	'NAME OF AIRPORT - DUPAG DEPARTURE POINT GRAND RAPIDS.MI TYPE OF ACCIDENT GEAR COLLAPSED	EE COUNTY INTENDED DESTINATION WEST CHICAGO,IL		F OPERATION NG ROLL					
	PROBABLE CAUSE(S)  PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)  AIRFRAME - LANDING GEAR MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC.  MISCELLANEOUS ACTS, CONDITIONS - HYDRAULIC FAILURE FACTOR(S)  MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE								

FILF	UATE FUCA.	TION AIRCRAFT DAT	A INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
	3/13/78 CHICAGO. TIME - 0915	IL PIPER PA-23 N54227 DAMAGE-SUBSTAN	CR- 0 0 1 PX- 0 0 5		CUMMERCIAL, AGE 54, 19697 TOTAL HUURS, 3549 IN 1YPE, INSTRUMENT RATED.
	NAME OF AIRPORT — O DEPARTURE POINT BURLINGTON-IA TYPE OF ACCIDENT COLLIDED WITH AU	INTENDED DESTINAT CHICAGO∙IL	PHASE ()	ROUTE STOP E∙IL F OPERATION FROM LANDING	
	PROBABLE CAUSE(S) PERSONNEL - MISCE REMARKS- FAILED TO S	LLANEOUS-PERSONNEL DRIVER STOP AT STOP SIGN.	OF VEHICLE		
3-2120	5/23/78 NR.DEKALR.TIME - 1800	IL BEECH G-18 N8087 DAMAGE-SUBSTAN		COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 45, 2854 TUTAL HOURS, 1775 IN TYPE, NOT INSTRUMENT PATED.
	NAME OF AIRPORT - DE DEPARTURE POINT DEKALB.IL TYPE OF ACCIDENT ENGINE FAILURE OR COLLIDED WITH FEE				
	PILOT IN COMMAND MISCELLANEOUS ACT PARTIAL POWER LOSS EMERGENCY CIRCUMSTAI	ELLANEOUS POWERPLANT FAIL  - IMPROPER OPERATION OF PO S-CONDITIONS - IMPROPER EM - PARTIAL LOSS OF POWER - NCES - FORCED LANDING ON A ED INTER PWR LOSS.NO PRE-A	WERPLANT & POWERPLA ERGENCY PROCEDURES 1 ENGINE IRPORT/SEAPLANE BAS	NI CONTROLS E/HELIPT.	
3-2290	5/27/78 NR.KEWANEE TIME - 0015	IL CESSNA 210 N1797X DAMAGE-SUBSTAN		COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, AGE 39, 1165 TUTAL HOURS, 237 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - KI DEPARTURE POINT GALESBURG.IL TYPE OF ACCIDENT ENGINE FALLURE OR NOSE OVER/DOWN	N			
	PROBABLE CAUSE(S) PILOT IN COMMAND PILOT IN COMMAND MISCELLANEOUS ACT TERRAIN - WET-SOF COMPLETE POWER LOSS EMERGENCY CIRCUMSTA				

FILE	DATE LOCATIO	N AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3597	7/12/78 · CHICAGO.IL TIME - 0701	BEECH 65-90 N742UT DAMAGE-SURSTANTIAL	CR- 0 0 2 PX- 0 0 0	CUMMERCIAL AIR TAXI-CARGU	AlP, FLIGHT INSTR., AGE 37, 4600 TUTAL HOURS, 468 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - O HA DEPARTURE POINT CHICAGO, IL TYPE OF ACCIDENT WHEELS-UP	RE INTL INTENDED DESTINATION LOCAL		F UPERATION NG LEVEL OFF/TOUCHOL	JWN
	AIRERAME - LANDING G MISCELLANEOUS ACTS•C	NCE-SERVICING-INSPECTION I EAR MAIN GEAR-SHOCK ABSORP ONDITIONS - IMPROPERLY INST DEPARTED AIRCRAFT ON TAKEOF	BING ASSY,STRUTS ALLED		(SUNNEL)
3-4341	9/9/78 SAVOY.IL TIME - 1826	PIPER PA-31 N26AN DAMAGE-DESTROYED	CR- 1 0 0 PX- 5 0 0	CLIMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 29, 1502 101AL HUURS, 49 IN TYPF, INSTRUMENT RATED.
	NAME OF AIRPORT - WILL DEPARTURE POINT SAVOY,IL TYPE OF ACCIDENT ENGINE FAILURE OR MA STALL SPIRAL	ARD INTENDED DESTINATION CLEVELAND, OH	TAKEN	DE OPERATION FE INITIAL CLIMB DEF INITIAL CLIMB	INSTRUMENT RATED.
	MISCELLANEOUS ACTS.C PILOT IN COMMAND - I MISCELLANEOUS ACTS.C PILOT IN COMMAND - F FACTOR(S) PERSONNEL - MISCELLA COMPLETE POWER LOSS - EMERGENCY CIRCUMSTANCE	STRUCTURE MASTER AND CONNE ONDITIONS — MATERIAL FAILUR MPROPER IN-FLIGHT DECISIONS OMDITIONS — IMPROPER EMERGE AILED TO OBTAIN/MAINTAIN FL NEGUS-PERSONNEL OTHER COMPLETE ENGINE FAILURE/FLA S — FORCED LANDING ON AIRPO ID BOLT OR NUT FAILURE FOR U	DE PLANNING ENCY PROCEDURES YING SPEED  MEOUT-1 ENGINE RT/SEAPLANE BAS		- 
3-4350	9/13/78 CHICAGO.IL TIME - 0440	BEECH 18T N12VT DAMAGE-SUBSTANTIAL		COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, FL.INSTR., AGE 33, 4500 TOTAL HOURS, 600 IN TYPE, INSTRUMENT
	NAME OF AIRPORT - O'HA DEPARTURE POINT CHICAGO, IL TYPE OF ACCIDENT GROUND-WATER LOOP-SW	F OPERATION FF RUN	RATED.		
	PROBABLE CAUSE(S) PILOT IN COMMAND - F	AILED TO MAINTAIN DIRECTION	IAL CONTROL		

FILE	DATE LOCATION		INJURIES FLIGHT F S M/N PURPOSE	PILUT DATA				
3-4444	9/19/78 CHICAGO∙IL TIME - 2028	PIPER PA-28 N45290 DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMMERCIAL PX- 0 0 0 AIR TAXI-CARGO OT- 0 0 1	CUMMERCIAL, AGE 36, 2374 TUTAL HUURS, 203 IN TYPE, INSTRUMENT RATED.				
	NAME OF AIRPORT - O'HARE INDEPARTURE POINT CHICAGG.IL TYPE OF ACCIDENT COLLIDED WITH AUTOMOBILE	L INTENDED DESTINATION	PHASE OF OPERATION TAXI TO TAKEUFF					
	PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS- REMARKS- FAILED TO SEE ACFT.		/EHICLE					
3-4131	10/4/78 CHICAGD.IL TIME - 0125	PIPER PA-32 N5909V	CR- 0 0 1 COMMERCIAL PX- 0 0 0 AIR TAXI-CARGO OT- 0 0 1	CUMMERCIAL, AGE 24, 1400 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.				
	NAME OF AIRPORT - O.HARE DEPARTURE POINT CHICAGO.IL TYPE OF ACCIDENT COLLIDED WITH AUTOMOBILE		PHASE OF OPERATION TAXI TO TAKEOFF	INSTRUCENT RATER.				
	PROBABLE CAUSE(S)  PERSONNEL - MISCELLANEOUS-PERSONNEL DRIVER OF VEHICLE  REMARKS- R WING STRUCK BY FORWARD LEFT SIDE OF UTILITY TRUCK.							
3-4001	10/18/78 NR.MOLINE.IL TIME - 0614	BEECH 58 N9367Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 COMMERCIAL PX- 0 0 0 AIR TAXI-CARGO	CUMMERCIAL, FL.INSTR., AGE 27, 2984 TOTAL HOURS, 146 IN TYPE, INSTRUMENT RATED.				
	NAME OF AIRPORT - QUAD CITY DEPARTURE POINT CEDAR RAPIDS.IA TYPE OF ACCIDENT WHEELS-UP	INTENDED DESTINATION	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN	RAILU				
	PROBABLE CAUSE(S)  PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR REMARKS- PILOT PULLED OUT LDG GEAR WARNING CIRCUIT BREAKER PRIOR TO LANDING							

FILF	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/	/N	FLIGHT PURPOSE	PILUI DATA				
3-3866	12/6/78 TIME - 224	CHICAGO•IL	CESSNA 401A N622DG DAMAGE-SURSTANTIAL	CR- 0 0 PX- 0 0	1 0	COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 29. 3681 TUTAL HOURS, 638 IN TYPE, NOT INSTRUMENT RATEU.				
	NAME OF AI	RPORT - CHICAGO MI									
	CHICAGO,	IL	INTENDED DESTINATION DAYTON.OH		-						
	TYPE OF AC	CIDENT D WITH SNOWBANK				OPERATION F ABORTED					
				1,4.		ADURTED					
	PILOT IN PILOT IN PILOT IN PILOT IN FACTOR(S) AIRPORTS	AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY									
		MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND REMARKS- UNABLE TO STOP ON RY DUE TO ICE COVERED SURFACE. COLLIDED WITH SNOWBANK 100 FT OFF RY.									
3-4465	TIME - 134	+1	PIPER PA-32 N4175R DAMAGE-SUBSTANTIAL	PX- 0 0	1 0	COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, AGE 22, 476 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.				
	DEPARTURE	RPORT - DUPAGE POINT CAGO,IL	INTENDED DESTINATION								
	TYPE OF AC	.0-1117416	STI ARA FIL			OPERATION G LEVEL OFF/TOUCHUO	DWN				
	PILOT IN WEATHER MISCELLA MISCELLA	PROBABLE CAUSE(S)  PILOT IN COMMAND - INITIATED FLIGHT IN ADVERSE WEATHER CONDITIONS  WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC.  MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE  MISCELLANEOUS ACTS, CONDITIONS - ICE-WINDSHIELD									
	MISCELLANDING ACTS.CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA FACTOR(S)										
	WEATHER BE	AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES RUNWAY LIGHTING WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT									
	ENEK GENCT		OVERSE/UNFAVORABLE WEA								
	SKY CONDIT			CE I-L:		AT ACCIDENT SITE					
		Y AT ACCIDENT SITE		PREC	ITE						
	3 MILES OBSTRUCTION	OR LESS ONS TO VISION AT A	CCIDENT SITE			NG RAIN BEARING OF WIND					
	FOG	EATHER CONDITIONS		LEF		ROSS WIND 248-292 DEFLIGHT PLAN	EGREES				
	IFR			SPE	ECIA	L VFR					
	REMARKS- RUNWAY LIGHTS WERE COVERED WITH SNOW. A NONSTANDARD APPRUACH LIGHT SYSTEM WAS OPERATING.										

FILE	DATE	LUCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILUT DATA				
3-3790	12/19/78 TIME - 165	MORTON•IL 8	CESSNA 210L N46380	CR- 1 0 0 PX- 1 0 0	CUMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, FL.INSTR., AGE 35, 1425 TOTAL HURRS, 200 IN 1YPE, INSTRUMENT RATED.				
	DEPARTURE POINT TERRA HAUTE.IN TYPE OF ACCIDENT COLLIDED WITH WIRES/POLES		INTENDED DESTINATION MOLINE, IL		NF OPERATION IGHT NORMAL CRUISE					
	PILOT IN FACTOR(S) WEATHER WEATHER WEATHER BR	PROBABLE CAUSE(S)  PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVFRSE WEATHER CONDITIONS FACTOR(S)  WEATHER - LOW CEILING  WEATHER - FOG  WEATHER - FOG  WEATHER - FOG  WEATHER - FOGENEROUS - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON  WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT								
	OBSTRUCTION FOG TYPE OF WEIFR FIRE AFTER	AT ACCIDENT SITE OR LESS ONS TO VISION AT A ATHER CONDITIONS								
3-2608		ARL INGTON • IN • 7	PIPER PA-31 N49MC DAMAGE-DESTROYED	CR- 1 0 0 PX- 8 0 0	COMMERCIAL AIR TAXI-PASSG	HOURS, 1510 IN TYPE,				
	TYPE OF AC	CCIDENT	INTENDED DESTINATION INDIANAPOLIS.IN	IN FL	OF OPERATION IGHT DESCENDING IGHT UNCONTROLLED DESC	INSTRUMENT RATED.				
	PILOT IN WEATHER WEATHER WEATHER BE	PROBABLE CAUSE(S)  PILOT IN COMMAND - CONTINUED FLIGHT INTO KNOWN AREAS OF SEVERE TURBULENCE  WEATHER - THRBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS  WEATHER - THUNDERSTORM ACTIVITY  WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO  WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT								
	5 OR OVE	AT ACCIDENT SITE ER(UNLIMITED) INS TO VISION AT A	CCIDENT SITE	UNLIM PRECIPI NONE	G AT ACCIDENT SITE MITEU TATION AT ACCIDENT SITE WEATHER CONDITIONS					

		N AIRCRAFT DATA	E C M/N	DIIDDNSE	PILOT DATA					
	9/27/78 INDIANAPOLI TIME - 0630 NAME OF AIRPORT - INDI	S,IN CESSNA 402 N40480 DAMAGE-SUBSTANTIAL ANAPOLIS INTL	CR- 0 0 1 PX- 0 0 0		CUMMERCIAL, AGE 28, 1200 TUTAL HOURS, 800 IN TYPF, INSTRUMENT RATED.					
	DEPARTURE POINT CHICAGO.IL TYPE OF ACCIDENT GEAR COLLAPSED	INTENDED DESTINATION INDIANAPOLIS, IN								
	MISCELLANEOUS ACTS,C	EAR NORMAL RETRACTION/EXTE ONDITIONS - FATIGUE FRACTUR TRUNNION PN 504-1000-81 CRA	E	CCIDENT.						
3-3996	10/23/78 INDIANAPOLI TIME - 2228	S•IN PIPER PA=31 N62856 DAMAGE=SUBSTANTIAL		COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, AGE 23, 1581 TUTAL HOURS, 97 IN TYPE, INSTRUMENT RATED.					
	NAME OF AIRPORT - INDI DEPARTURE POINT INDIANAPOLIS.IN TYPE OF ACCIDENT COLLIDED WITH OBJEC	ANAPOLIS,INT INTENDED DESTINATION WILLMETON,DH	PHASE ()	F OPERATION TU TAKEOFF	INSTROMENT RATED.					
	PILOT IN COMMAND - F PERSONNEL - TRAFFIC	IVERTED ATTENTION FROM OPER AILED TO SEE AND AVOID OBJE CONTROL PERSONNEL FAILURE RSES WITH FLASHERS OPERATIN	CTS OR OBSTRUCT TO ADVISE OF UN	IONS SAFE AIRPORT CONDITI						
3-4078	12/1/78 MARION.IN TIME - 1415	CESSNA 3100 N310AE DAMAGE—SUBSTANTIAL	PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 46, 13786 TOTAL HOURS, 898 IN TYPE, INSTRUMENT RATED.					
	OAKLAND-TROY,MI				, No inductivi Kareo.					
	TYPE OF ACCIDENT GEAR COLLAPSED			OF OPERATION NG ROLL						
	AIRFRAME - LANDING GI MISCELLANEOUS ACTS,C	NCE, SERVICING, INSPECTION I EAR MAIN GEAR-SHOCK ABSORB DNDITIONS - MATERIAL FAILUR ONDITIONS - LACK OF LUBRICA:	ING ASSY,STRUTS E	,ATTACHMENTS,ETC.	RSUNNEL)					

			AIRCRAFT DATA	F	S M/N	Р	URPOSE	PILUT DATA		
		MUSCATINE, IA	CESSNA 310R N5080J DAMAGE-SUBSTANTIAL	CR- 0	0 1	СПММ	ERCIAL TAXI-PASSG	CUMMERCIAL, FL. INSTR.,		
	NAME OF AIRPORT - MUSCATINE. MUNI									
			INTENDED DESTINATION							
		ES.TA	MUSCATINE, IA	_						
	TYPE OF ACCIDENT PHASE									
	CULLIDED	WITH SNOWRANK			LAND	ING R	ULL			
	PROBABLE C	AUSF(S)								
	PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN									
	FACTOR(S)									
	WEATHER - LOW CEILING									
	AIRPORTS/AIPWAYS/FACILITIES - AIRPORT CONDITIONS SNOW ON RUNWAY									
	AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES RUNWAY LIGHTING									
	WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT									
	WEATHER EL	IRECASI - FURECAS	SUBSTANTIALLY CURRECT							
	SKY CONDIT	TON		C.	FILIN	G AT A	CCIDENT SITE			
	OVERCAST						T REPORTED			
	VISIBILITY	AT ACCIDENT SITE		P	RECIP	ITATIO	N AT ACCIDENT SITE			
	2 MILES	OR LESS			SNOW					
	OBSTRUCTIC NONE	ACCIDENT SITE	T	YPE O VFR	F WEAT	HER CONDITIONS				
	TYPE OF FL	IGHT PLAN								
	REMARKS- L	ANDED ON SNOW COV	PERED SOD AREA ADJACENT	TO RWY.R	WY CO	VERED	WITH SNOW, NO LIGHTS	ALUNG RWY EDGE.		

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	DATE LOCA				F	S M	<b>\</b> 1/1	PURPOSE			ILO1 DATA
	12/2/78 DES MOINI TIME - 1313	ES.IA DOI NA:	UĞLAS DC-3 1447 MAGE-SURSTANTIA	CR- PX-	0	1 0	1 0	COMMERCIAL AIR TAXI-CAR	GU	AIRLINE 34, 3900	TRANSPURT, AGE TOTAL HOURS, 350 INSTRUMENT
	NAME OF AIRPORT - DO DEPARTURE POINT CHICAGO, IL TYPE OF ACCIDENT UNDERSHOOT COLLIDED WITH DIG	INTENI DES			F	LΑ	IGM	F OPERATION NG FINAL APP NG FINAL APP			
	FACTOR(S)  MISCELLANEOUS ACT: MISCELLANEOUS ACT: WEATHER - ICING CO	PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE									
-	SKY CONDITION OVERCAST VISIBILITY AT ACCID 2 MILES OR LESS OBSTRUCTIONS TO VIS		F	10 PREC FR	OO IPI EEZ:	AT ACCIDENT NATION AT ACC ING DRIZZLE E BEARING UF	IDENT SITE				
	FOG TEMPERATURE-F 18 WIND VELOCITY-KNOTS 14					HEAD WIND 338-022 DEGREES WIND DIRECTION-DEGREES 60 TYPE OF WEATHER CONDITIONS IFR					
	TYPE OF FLIGHT PLAN IFR REMARKS- WND GUST 20		PROX 300 FT SHO	RT OF R	NY						
3-0286	3/7/78 HUTCHINS	N88	RO COMDR 500B BBCA MAGE-SUBSTANȚIA	PX-				COMMERCIAL AIR TAXI-CAR		AGE 24. 56 IN TY	AL, FL.INSTR., 3625 TUTAL HUURS PE, INSTRUMENT
	NAME OF AIRPORT - HO DEPARTURE POINT WICHITA-KS TYPE OF ACCIDENT COLLIDED WITH SNO	INTENI	DED DESTINATION CHINSON,KS		þ		-	F OPERATION NG ROLL		RATEU.	
	PROBABLE CAUSE(S)  PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND  PERSONNEL - AIRPORT SUPERVISORY PERSONNEL IMPROPER/INADEQUATE SNOW REMOVAL AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS ICE/SLUSH ON RUNWAY  FACTOR(S)  MISCELLANEOUS ACTS.CONDITIONS - ICE-WINDSHIELD MISCELLANEOUS ACTS.CONDITIONS - DOWNWIND  REMARKS- WIND GUSTING TO 15KTS.FOOT HIGH PILES OF SNOW REMOVED FROM RWY AFT ACCIDENT.										

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S m/N	FLIGHT PURPOSE	PILUI DATA				
3-2776				CR- 0 0 1 PX- 0 0 4	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 58, 2635 TUTAL HUURS, 1154 IN TYPE, INSTRUMENT RATED.				
	NAME OF AIRPOR DEPARTURE POIN AMARILLO,TX TYPE OF ACCIDE GEAR RETRACT									
	GEAR RETRACTED  PROBABLE CAUSE(S)  AIRERAME - LANDING GEAR GEAR LOCKING MECHANISM MISCELLANEOUS ACTS.CONDITIONS - MATERIAL FAILURE REMARKS- L-HAND BELLCRANK ASSEMBLY,P/N 5041001-1,BROKEN.									
-0711	3/20/78 HA7 TIME - 1420		CESSNA 182 N21531 DAMAGE-SUBSTANTIAL		CUMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, FL.INSTR., AGE 39, 2035 TUTAL HUURS, 325 IN 19PE, INSTRUMENT RAIED.				
	NAME OF AIRPOR DEPARTURE POIN LOUISVILLE,K TYPE OF ACCIDE OVERSHOOT									
	PROBABLE CAUSE PILOT IN COM PILOT IN COM FACTOR(S) WEATHER - UN MISCELLANEOU WEATHER BRIEF)	COLLIDED WITH TREES  LANDING ROLL  PROBABLE CAUSE(S)  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED  PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED  PILOT IN COMMAND - MISJUSED OR FAILED TO USE FLAPS  FACTOR(S)  WEATHER - UNFAVORABLE WIND CONDITIONS  MISCELLANEOUS ACTS.CONDITIONS - DOWNWIND  MISCELLANEOUS ACTS.CONDITIONS - RAN OFF END OF RUNWAY  WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE  WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT								
	SKY CONDITION CLEAR VISIBILITY AT	ACCIDENT SITE		UNLIM	AT ACCIDENT SITE ITED TATION AT ACCIDENT SITE					
	5 OR OVER(UM OBSTRUCTIONS T NOME		CCIDENT SITE	JAIL	E BEARING OF WIND WIND 158-202 DEGREES					
	TEMPERATURE-F 70 WIND VELOCITY- 15	KNNTS		180	RECTION-DEGREES WEATHER CONDITIONS					
	TYPE OF FLIGHT	PLAN		•••						

FILE	DATE LOCATI	INN AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILUT DATA					
3-2376	5/16/78 NR.COVINGTON TIME - 1400	J,KY CESSNA 404 N5422G DAMAGE-SURSTANTIAL	CR- 0 0 2 PX- 0 0 0	COMMERCIAL	AlP.HLIGHT INSTR., AGE 23, 3218 TUTAL HOURS, 109 IN TYPE, INSTRUMENT RAIED.					
	DEPARTURE POINT URBANA.OH TYPE OF ACCIDENT FIRE OR EXPLOSION	INTENDED DESTINATION EVANSVILLE, IN		F OPERATION IGHI CLIMB IO CRUISE	K3150					
	PROBABLE CAUSE(S) POWERPLANT - EXHAUS FACTOR(S) PERSONNEL - PRODUCT REMARKS- CESSNA P/N99									
3-2787	6/22/78 MARION.KY TIME - 0650	DAMAGEDESTROYED		COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, AGE 23, 4118 TOTAL HOURS, 191 IN TYPF, INSTRUMENT RATED.					
	DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP LOUISVILLE, KY MAYFIELD, KY OWENSBURD, KY TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER UNCONTROLLED IN FLIGHT UNCONTROLLED DESCENT									
	PROBABLE CAUSE(S)  PILOT IN COMMAND - INCAPACITATION  MISCELLANEOUS ACTS, CONDITIONS - PILOT FATIGUE  REMARKS- WITNESSES OBSERVED CONSTANT-RATE DESCENDING TURN TO GND. SLEEPING AT CILS, OTHER RECENT FLIGHTS.									
3-0795	3/23/78 NR. MORGAN CI TIME - 1005	TY,LA BELL 476-4A N8182J DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 1 0	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 37, 3335 TUTAL HOURT, 555 IN TYPE, INSTRUMENT RATED.					
	NAME OF AIRPORT - SHI DEPARTURE POINT SHIP SHOAL BLK 209									
	TYPE OF ACCIDENT PROPELLER/ROTOR FAI	LURE MAIN ROTOR		F OPERATION NG POWER-UN LANDING						
	MISCELLANEOUS ACTS. FACTOR(S)	ROTORCRAFT - ROTOR ASSEMBLIES OTHER MISCELLANEOUS ACTS.CONDITIONS - FATIGUE FRACTURE								
		MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER - REMARKS- MAIN ROTOR BLADE COUNTERWEIGHT ROD TIE BOLT FAILED.								

FILE		LOCATION	AIRCRAFT DATA	INJ F	URIES S M/N	FLIGHT PURPOSE	PILUI DATA			
3-0737	4/28/78 NR. TIME - 1330 NAME OF AIRP DEPARTURE PO INTRACSTL C TYPE OF ACCII COLLIDED W	INTRACSTL CITY,LA  ORT - VERMILION 2: INT IN  ITY,LA _ DENT ITH RUNWAY OR API	BELL 206B N1671B DAMAGE-SHBSTANTIAL 45A HENDED DESTINATION INTRACSTL CITY, LA	CR- PX-	0 0 1 0 0 0	COMMERCIAL ) AIR TAXI-CARGO  OF OPERATION DING POWER-UN LANDING	. CUMMERCIAL, AGE 29, 1452 TOTAL HOURS, 11140 IN TYPE, INSTRUMENT RATED.			
	FACTOR(S)  WEATHER -   WEATHER BRIE	OMMAND - IMPROPER UNFAVORABLE WIND (	PILOT CHECKED WEATHER		I TIONS					
	5 OR OVER(	T ACCIDENT SITE UNLIMITED) TO VISION AT ACC! = Y-KNOTS	DENT SITE	G AT ACCIDENT SITE MIDD ITATION AT ACCIDENT SI  VE BEARING OF WIND WWW/NOT REPORTED VIKECTION-DEGREES  F WEATHER CONDITIONS	ΤΈ					
3-1791	TIME - 1033		BELL 205A-1 N94AL DAMAGE-SUBSTANTIAL NTENDED DESTINATION	CR- PX-	0 0 1 0 0 10	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, FL.INSTR., AGE 31, 5244 TUTAL HUURS, 2621 IN TYPE, INSTRUMENT RATED.			
	EUGENE BK - TYPE OF ACCI	43.•GULF MX M DENT ROTOR FAILURE MA:	MORGAN CITY,LA		IN F	OF OPERATION LIGHT NORMAL CRUISE DING POWER-OFF AUTORDT	AJIVE LANDING			
•	PROBABLE CAUSE(S)  ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM MAIN ROTOR DRIVE SHAFT MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE FACTOR(S)  TERRAIN - ROUGH WATER MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- MAIN DRIVE SHAFT BOOT P/N 205-404-176-009 FAILED									

		N AIRCRAFT DATA	F S M/N	PURPOSE	PILUT DATA
3-2240	7/6/78 NR.CAMERON.LA TIME - 1237				CUMMERCIAL, AGE 48, 4363 TUTAL HOURS, 217 IN TYPE, NUT INSTRUMENT RATED.
	NAME OF AIRPORT - HELI DEPARTURE POINT CAMERON, LA TYPE OF ACCIDENT COLLISION WITH GROUN	PORT PLATFORM INTENDED DESTINATION WEST CAMERON 409	PHASE N	F OPERATION IGHT LOW PASS	NOT INSTRUMENT RATES.
	PROBABLE CAUSE(S)	ISJUDGED ALTITUDE AND CLEAR		IGHT LIW PASS	
		NNDITIONS - UNWARRANTED LOW R WHILE IN TURN AFTER LIFT		RT ON DRILLING PLATFO	RМ.
3-2858	7/9/78 NR.MORGAN CIT TIME - 2137	Y,LA BELL 212 N90223 DAMAGE-DESTROYED	CR- 0 2 0 PX- 0 5 4	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 54, 11113 TUTAL HUURS, 1385 IN Type, INSTRUMENT RATED.
-	NAME OF AIRPORT - PENRI DEPARTURE POINT MORGAN CITY.LA TYPE OF ACCIDENT COLLIDED WITH OBJECT	ND RIG 31 INTENDED DESTINATION MORGAN CITY,LA		F UPERATION FF INITIAL CLIMB	
	PROBABLE CAUSE(S) PILOT IN COMMAND - F PILOT IN COMMAND - S FACTOR(S) MISCELLANEOUS ACTS.C MISCELLANEOUS ACTS.C	AILED TO FOLLOW APPROVED PE PATIAL DISORIENTATION ONDITIONS - CREW COORDINATI ONDITIONS - AIRCRAFT CAME 1 VISIBLE HORIZON, MOON 1/4 FU	ROCEDURES, DIRECT ON-POOR TO REST IN WATER	IVES, ETC.	IL RIG.
3-2857	8/13/78 NR.CAMERON.LA TIME - 0945	N17235		COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 43, 6027 TOTAL HOURS, 8 IN TYPE,
	NAME OF AIRPORT - E CA DEPARTURE POINT CAMERON.LA TYPE OF ACCIDENT COLLIDED WITH OBJEC	INTENDED DESTINATION EUGENE ISLAND BK 20	PHASE N	F UPERATION FF INITIAL CLIMB	INSTRUMENT RATED.
		ISJUDGED CLEARANCE NEOUS-PERSONNEL OTHER ONDITIONS - AIRCRAFT CAME T	IN REST IN WATER		

	DATE	LOCATION	AIRCRAFT DATA	INJURI F S	ES M/N	FLIGHT PURPISE	PILUT DATA
3-2444	8/30/78 NR TIME - 1120	.INTRACSTL CITY.					CUMMERCIAL, AGE 32, 4154 TUTAL HUURS, 126 IN TYPE NUT INSTRUMENT RATED.
	TYPE OF ACC	CIDENT	SMI BLOCK 142 ER CONTROLLED			F OPERATION IGHT NORMAL CRUISE	
	PROBABLE CA PILOT IN PILOT IN FACTOR(S) WEATHER - WEATHER - MISCELLAN	AUSE(S) COMMAND - CONTIN COMMAND - IMPROP - THUNDERSTORM AC - RAIN	UED VER FLIGHT INTO ADV ER IN-FLIGHT DECISIONS TIVITY IONS ~ AIRCRAFT CAME TO	OR PLANNII	NG	SMIJITI(IND	
	WEATHER FOR	ECAST - UNKNOWN/					
	HMKNDWN/I	AT ACCIDENT SITE		PRI	UNK NO	AT ACCIDENT SITE WN/NOT REPORTED TATION AT ACCIDENT SIT THUNDERSTORM	E
	DESTRUCTION	IS TO VISION AT AN NOT REPORTED	CCIDENT SITE	TY	PE NF IFR	WEATHER CONDITIONS	
	REMARKS- AC		LF OF MEX 40 MI SOUTH I				
3-2241	REMARKS- AC	MORGAN CITY-IA	BOLKOW BO~105	C8- 0			
3-2241	REMARKS- AC	MORGAN CITY-IA	BOLKOW BO-105 N46977 DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 PX- 0	0 1 0 4	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 37, 7156 TUTAL HUURS, 256 IN TYPE
3-2241	9/11/78 TIME - 0724 DEPARTURE F MORGAN CI TYPE OF ACC	MORGAN CITY,LA 4 POINT TY,LA	BOLKOW BO-105 N46977 DAMAGE-SUBSTANTIAL INTENDED DESTINATION	CR- 0 PX- 0	0 1 0 4		CUMMERCIAL, AGE 37, 7156 TUTAL HUURS, 256 IN TYPF
3-2241	9/11/78 TIME - 072 DEPARTURE I MORGAN CI TYPE OF ACC PROPELLE PROBABLE CA	MORGAN CITY, LA  POINT TY, LA CIDENT //ROTOR FAILURE  RUSE(S) VEOUS - UNDETERMI	BOLKOW BO-105 N46977 DAMAGE-SUBSTANTIAL INTENDED DESTINATION VE-282 GULF OF MEX TAIL ROTOR	CR- 0 PX- 0	O 1 O 4 ASE O	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 37, 7156 TUTAL HUURS, 256 IN TYPE
3-2241	9/11/78 TIME - 072 DEPARTURE I MORGAN CI TYPE OF ACC PROPELLE PROBABLE CA	MORGAN CITY, LA  POINT TY, LA CIDENT //ROTOR FAILURE  RUSE(S) VEOUS - UNDETERMI	BOLKOW BO-105 N46977 DAMAGE-SUBSTANTIAL INTENDED DESTINATION VE-282 GULF OF MEX TAIL ROTOR	CR- 0 PX- 0	O 1 O 4 ASE O	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 37, 7156 TUTAL HUURS, 256 IN TYPE
	PROBABLE CAMERGENCY C	MORGAN CITY, LA  POINT TY, LA IDENT (/ROTOR FAILURE  WISE(S) NEOUS - UNDETERMI IRCUMSTANCES - FI	BOLKOW BO-105 N46977 DAMAGE-SUBSTANTIAL INTENDED DESTINATION VE-282 GULF OF MEX TAIL ROTOR NED DRCED LANDING OFF AIRPO	CR- 0 PH  RT ON WAT:  CR- 0 PX- 0	O 1 O 4 ASE O IN FL	COMMERCIAL AIR TAXI-PASSG F OPERATION IGHT CLIMB TO CRUISE	CUMMERCIAL, AGE 37, 7156 TUTAL HUURS, 256 IN TYPE INSTRUMENT RATED.  CUMMERCIAL, AGE 30, 1307
	PEMARKS - AC  9/11/78  TIME - 0724  DEPARTURE   MORGAN CITYPE OF ACC PROPELLER  PROBARLE CA MISCELLAN EMERGENCY CO  9/20/78 NE TIME - 1319  NAME OF AIR DEPARTURE   MORGAN CITYPE OF ACC	MORGAN CITY, LA  POINT TY, LA CIDENT POINT	BOLKOW BO-105 N46977 DAMAGE-SUBSTANTIAL INTENDED DESTINATION VE-282 GULF OF MEX TAIL ROTOR  NED ORCED LANDING OFF AIRPO BELL 2068 N83133 DAMAGE-SUBSTANTIAL F1215C	CR- 0 PH  RT ON WAT:  CR- 0 PX- 0  OT- 0	O 1 O 4 ASE O IN FL	COMMERCIAL AIR TAXI-PASSG  F OPERATION IGHT CLIMB TO CRUISE .  COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 37, 7156 TUTAL HUURS, 256 IN TYPE, INSTRUMENT RATED.  CUMMERCIAL, AGE 30, 1307 TUTAL HUURS, 180 IN TYPE
	PREMARKS - AC  9/11/78  TIME - 0724  DEPARTURE MORGAN CI TYPE OF ACC PROPELLEE  PROBABLE CA MISCELLAM FMERGENCY CO  9/20/78 NE TIME - 1319  NAME OF AIR DEPARTURE FMERGAN CI TYPE OF ACC	MORGAN CITY, LA  POINT TY, LA CIDENT POINT	BOLKOW BO-105 N46977 DAMAGE-SUBSTANTIAL INTENDED DESTINATION VE-282 GULF OF MEX TAIL ROTOR  NED ORCED LANDING OFF AIRPO  BELL 206B N83133 DAMAGE-SUBSTANTIAL EI215C INTENDED DESTINATION EUGENE ISLAND 322	CR- 0 PH  RT ON WAT:  CR- 0 PX- 0  OT- 0	ASE 0 IN FL ER 0 3 0 3	COMMERCIAL AIR TAXI-PASSG F OPERATION IGHT CLIMB TO CRUISE	CUMMERCIAL, AGE 37, 7156 TUTAL HUURS, 256 IN TYPE, INSTRUMENT RATED.  CUMMERCIAL, AGE 30, 1307 TUTAL HUURS, 180 IN TYPE

FILE	DATE	LOCATION	AIRCRAFT DATA	ΙN	JUR F	IES S I	1/N	FLIGHT PURPOSE	PILUI DATA
	9/20/78 N TIME - 131	NR.MORGAN CITY.LA 5		CR- PX- OT-	0 0 0	0 0 0	1 2 4	COMMERCIAL AIR TAXI-PASSG	Alp, FLIGHI INSTR., AGE 36, 7712 TUTAL HUURS, 37 IN TYPE, INSTRUMENT RAIED.
	DEPARTURE MORGAN CI TYPE OF AC	IRPORT - PLATFORM E POINT ITY•LA CCIDENT NN WITH AIRCRAFT B	INTENDED DESTINATION EUGENE ISLAND 322					F OPERATION C STARTING ENGINE(S)	
	PILOT IN	N COMMAND - FAILED N COMMAND - IMPROPE COMMAND - MISJUDG	TO FOLLOW APPROVED PRO R STARTING PROCEDURES ED CLEARANCE G.STARTED ENGS PRIOR T						
3-2932	10/21/78 M TIME - 172	NR.MORGAN CITY.LA 25	RELL 206B N90026 DAMAGE-SUBSTANTIAL	CR - PX-	n 0	0	1 3	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 25, 941 TOTAL HOURS, 611 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE MORGAN CI TYPE OF AC	TTY•LA CCIDENT ER/ROTOR FAILURE T	INTENDED DESTINATION LOCAL		F	ΤД	KEO	F UPERATION FF VERTICAL FF ABURTED	
	FACTOR(S) MISCELLA EMERGENCY	NEOUS - FOREIGN OB NEOUS ACTS, CONDITI CIRCUMSTANCES - FO DI	JECT DAMAGE ONS - AIRCRAFT CAME TO RCFD LANDING OFF AIRPO RECTIONAL CONTROL PROB OVER BLOWN INTO T/R.	ORT ON					
3-3120	10/24/78 TIME - 114		CESSNA 180G N4722U DAMAGE-SUBSTANTIAL					COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, FL.INSTR., AGE 23, 1949 TUTAL HUURS, 443 IN 1YPE, INSTRUMENT
	DEPARTURE HOUMA•LA TYPE OF AC COLLIDED	<b>,</b>	INTENDED DESTINATION DULAC, LA					F OPERATION NG ROLL	RATED.
	FACTOR(S) PILOT IN	N COMMAND - SELECTE	D UNSUITABLE TERRAIN TO INITIATE GO-AROUND •FLOAT EQUIPPED•						

FILE	DATE	LOCATION	AIRCKAFT DATA	INJU	RIES		2112 202 5	PILUI DATA
	11/29/78 TIME - 10 DEPARTURE SOUTH M TYPE OF A	NR.MORGAN CITY,LA 40 POINT ARSH 11	BOLKOW B-105 N46977 DAMAGE-SURSTANTIAL INTENDED DESTINATION EUGENE ISLAND 20G	CR- 0 PX- 1	1 1 PHAS	0 0 ≙ ∩H	COMMERCIAL	CUMMERCIAL, AGE 41, 4987 101AL HUURS, 347 IN TYPE, INSTRUMENT RATED.
	MISCELL FACTOR(S) MISCELL	EL - MISCELLANEOUS- ANEOUS ACTS.CONDITI ANEOUS ACTS.CONDITI	PERSONNEL PASSENGER ONS - INTERFERENCE WIT ONS - AIRCRAFT CAME TO CAUGHT IN CYCLIC CONTR	REST IN	AW L	rer		
3-3852	NAME OF A DEPARTURE INTERCO TYPE OF A	IRPORT - SHIP SHOAL POINT ASTAL CITY∙LA	INTENDED DESTINATION MORGAN CITY, LA		PHAS	<del>.</del> Of	COMMERCIAL AIR TAXI-CARGO - UPERATION OF POWER-UN LANDING	CUMMERCIAL, AGE 55, 13352 10 FAL HUURS, 1549 IN 19PE, INSTRUMENT RATED.
	FACTOR(S)	CAUSE(S) N COMMAND - MISJUDG - UNFAVORABLE WIND						
	5 OR OV OBSTRUCTI NONE TEMPERATU 77 WIND VELO	Y AT ACCIDENT SITE ER(UNLIMITED) ONS TO VISION AT AC	CIDENT SITE	i i	UNI PREC NOI RELA RI( VINI) 140 TYPE	IMI IPI VE VIVE OF OF	AT ACCIDENT SITE TED TAILON AT ACCIDENT SITE E BEARING UF WIND CROSS WIND 068-112 DEG RECTION-DEGREES WEATHER CONDITIONS	
	20 TYPE OF F VFR	LIGHT PLAN			VFI	(		

			AIRCRAFT DATA	F	SM	/ N	PURPOSE	ΡΙΙΟΊ ΝΔΤΔ
3-4003	12/26/78 M TIME - 0921	MORGAN CITY, LA	BELL 206B	CK- 0	0	1	COMMERCIAL	CUMMERCIAL, AGE 30, 2784 TUTAL HOURS, 682 IN TYPF, INSTRUMENT RATED.
	DEPARTURE PO GULF OF ME TYPE OF ACCI	EXICO DENT LURE OR MALFUNCI	INTENDED DESTINATION MORGAN CITY, LA		ΙN	FL	F OPERATION IGHI DESCENDING NG POWER-OFF AUTURDI	ATIVE LANDING
	MISCELLANE PILOT IN ( EMERGENCY CI	T - FUEL SYSTEM EDUS ACTS,CONDITI COMMAND - FAILED RCUMSTANCES - FO	FHEL CONTROL IONS — MATERIAL FAILIJR TO MAINTAIN ADEQUATE DRCED LANDING ON AIRPOI FOR RPM AT BOTTOM OF A	ROTOR R. RT/SEAPL	ANE			CTION.
3-0041	1/22/78 U TIME - 0001	_AURFL.MD	PIPER PA-32R N5420F DAMAGE-DESTROYED	CR- 0 PX- 0	1 0	1	COMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR., AGE 29, 1929 TUTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
	DEPARTURE PO LAUREL, MD TYPE OF ACCI	DENT	INTENDED DESTINATION ATLANTA.GA FR UNCONTROLLED				F OPERATION FF INITIAL CLIMB	HENT KATED.
	PERSONNEL MISCELLAND FACTOR(S) PILOT IN O	.NMMAND - INADEQU - OPERATIONAL SU FOUS ACTS,CONDITI .NMMAND - FAILED	JATE PREFLIGHT PREPARA' IPERVISORY PERSONNEL IONS - IMPROPERLY LOADI TO FOLLOW APPROVED PRI	INADEQUA ED AIRCR OCEDURES	TE S AFT- DIR	UPE WEI ECT	RVISION OF FLIGHT CRE GHT-AND/OR C.G. IVES,ETC.	

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPOSE	PILOT DATA
	4/19/78 CALIFORNIA.M TIME - 2119	D PIPER PA=28R	CR- 0 1 0 COMMERCIAL PX- 0 1 0 AIR TAXI-PASSG	CUMMERCIAL. EL INSTR
	NAME OF AIRPORT - ST MA DEPARTURE POINT BALTIMORE, MD TYPE OF ACCIDENT COLLIDED WITH TREES	RY'S COUNTY INTENDED DESTINATION CALIFORNIA, MD	PHASE OF OPERATION LANDING WHER	INSTRUCTION RELIEF
	PILOT IN COMMAND - (M FACTOR(S) WEATHER - LOW CEILING WEATHER - THUNDERSTOR WEATHER BRIEFING - BRIE		SONNEL, BY RADIO	
	SKY CONDITION PARTIAL OBSCURATION VISIBILITY AT ACCIDENT 3/4 MILE OR LESS OBSTRUCTIONS TO VISION GROUND FOG TYPE OF FLIGHT PLAN IFR REMARKS- DESCENDED BLO	AT ACCIDENT SITE	CEILING AT ACCIDENT SITE 300 PRECIPITATION AT ACCIDENT SITE RAIN SHOWERS, THUNDERSTORM TYPE OF WEATHER CUNDITIONS BELOW MINIMUMS	
3-3416	9/4/78 DAMASCUS,MD TIME - 1910	HUGHES 269B N9568F DAMAGE-DESTROYED	CR- O O 1 COMMERCIAL PX- O O O AIR TAXI-PASSG	AGE 45, 5125 TOTAL HUURS, 50 IN TYPE, INSTRUMENT
	DEPARTURE POINT GAITHERSBURG.MD TYPE OF ACCIDENT PROPELLER/ROTOR FAILU	WASHINGTON, DC	LAST ENROUTE STOP THURMON1,MD PHASE OF UPERATION IN FLIGHT NORMAL CRUISE	RATEU.
	MISCELLANEOUS ACTS.CO FACTOR(S)	SEMBLIES UNIVERSAL JOINTS NDITIONS — MATERIAL FAILUR NDITIONS — SEPARATION IN F FORK BOLT FAILED	RE	

		AIRCRAFT DATA	F S			PILUÍ DATA
	2/9/78 WESTWOOD.MA TIME - 0855	ENSTROM F-28A N2400 DAMAGE-SURSTANTIAL	CR - 0 PX- 0	0 1	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, FL.INSTR., AGE 32, 3940 TUTAL HUHRS, 800 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT FOXBORD, MA TYPE OF ACCIDENT PROPELLER/ROTOR FAILUR	INTENDED DESTINATION HANSFIELD, MA  E MAIN ROTOR			DE OPERATION LIGHT NORMAL CRUISE	NATED.
	MISCELLANEOUS ACTS.CON	ION ROTOR DRIVE SYSTEM M DITIONS - MATERIAL FAILUR E BELT FAILED.NO FURTHER	E			
3-2360	5/11/78 LAWRENCE, MA TIME - 1607	PIPER PA-32R N8769C DAMAGE-DESTROYED		0 0	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 22, 1400 TUTAL HUURS, 100 IN TYPF, INSTRUMENT RATED.
	NAME OF AIRPORT - LAWREN DEPARTURE POINT BEDFORD, MA TYPE OF ACCIDENT COLLISION WITH AIRCRAF	CE INTENDED DESTINATION LAWRENCE,MA	РН	ASE	DF UPERATION LIGHT DESCENDING	
		LED TO SEE AND AVOID OTHE OUS-PERSONNEL PILOT OF O		AF T		
	SPECIAL DATA SEGMENTS OF AVIATION I CONTROLLING AGENCY — N TRAFFIC ADVISORY ISSUE EVASIVE ACTION TAKEN —			RADAF	R CTL/SURVEILLANCE - NO	UT UNDER RADAR CUNTACT RPORT - UNCUNTROLLED AIRPORT
3-2695	7/31/78 BOSTON∙MA TIME - 1240	AERO COMDR 500B N6324U DAMAGE-SURSTANTIAL	PX- 0		COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 32, 3762 TOTAL HOURS, 27 IN TYPE, INSTRUMENT
	NAME OF AIRPORT - LOGAN DEPARTURE POINT NANTHICKET, MA TYPE OF ACCIDENT GEAR RETRACTED	INTENDED DESTINATION BOSTON,MA			DF OPERATIUN ING RÜLL	RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - INA	DVERTENTLY RETRACTED GEAR				

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPUSE	PILUT DATA
	9/18/78 GRANVILLE,MA TIME - 1042	PIPER PA-31	CR- 1 O O COMMERCIAL	ATP - HITCHT INSTR . AGE
	PONTIAC.MI TYPE OF ACCIDENT	INTENDED DESTINATION RETURN  /WATER CONTROLLED	LAST ENROUTE STOP WESTFIELD, MA PHASE OF OPERATION IN FLIGHT OTHER	HENT KATED.
	FACTOR(S) MISCELLANEOUS ACTS.CO WEATHER - LOW CFILING WEATHER - RAIN WEATHER - FOG	ECORD OF BRIEFING RECEIVED	FLYING	
	SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION NONE WIND VELOCITY-KNOTS CALM TYPE OF FLIGHT PLAN NONE FIRE AFTER IMPACT REMARKS- ACET COLLIDED	AT ACCIDENT SITE	CFILING AT ACCIDENT SITE 1700 PRECIPITATION AT ACCIDENT SITE RAIN TEMPERATURE-F 52 TYPE OF WEATHER CONDITIONS IFR  OR 500 FT.WX AT SCENE RPTD FOG & RAIN.	
3-4197	2/10/78 FLINT.MI TIME - 0716  NAME OF AIRPORT - BISHO DEPARTURE POINT ST LOUIS.MO TYPE OF ACCIDENT GROUND-WATER LOOP-SWE NOSE OVER/DOWN	N3537B DAMAGE-SUBSTANTIAL P INTENDED DESTINATION FLINT,MI	CR- 0 0 2 COMMERCIAL PX- 0 0 0 AIR TAXI-CARGO  PHASE OF OPERATION LANDING ROLL LANDING ROLL	CUMMERCIAL, AGE 34, 1850 TUTAL HUURS, 400 IN TYPE, INSTRUMENT RATED.
<u>,                                      </u>	PROBABLE CAUSE(S) PILOT IN COMMAND - FA	ILED TO MAINTAIN DIRECTION FT WIDE CARGO HANDLER IN	AL CONTROL	

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR F	IES S M	/ N	FLIGHT PURPOSE	PILUT DATA	
3-4433	3/14/78 TIME - 041	WHITELAKE,MI 3	BEECH D18 N4270 DAMAGE-DESTROYED	CR- PX-	1	0 0	0	COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, FL.INSTR., AGE 54, 5443 TUTAL HOURS 421 IN TYPE, INSTRUMENT RATEU.	
	NAME OF ADDEPARTURE FLINT.MD					- OPERATION				
		IN WITH GROUND/WATER	UNCONTROLLED			LA	IUV	NG FINAL APPROACH		
	FACTOR(S)	- WIND SHEAR	ATED W/CLOUDS AND/OR	. THUN	DER.	S TOF	RMS			
	SKY CONDIT	IUN			CI	EILI	NG	AT ACCIDENT SITE		
	OVERCAST VISTBILITY 2 MILES	AT ACCIDENT SITE			PI	400 REC: RA	PΙ	TATION AT ACCIDENT SIT	É	
	OBSTRUCTIO FOG	INS TO VISION AT ACCI	DENT SITE			EMP (	RΔ	TURE-F		
	130	TION-DEGREES ATHER CONDITIONS				30		LUCITY-KNOTS FLIGHT PLAN		
	IFR FIRE AFTER	IMPACT	RTED TORNADO LIKE WIN	ins tn		IF				
3-1058	11WF - 510	PUNTIVC *WI	PIPER PA-32R N38642 DAMAGE-SUBSTANTIAL						COMMERCIAL, AGE 22, 1474 TUTAL HOURS, 690 IN TYPE. INSTRUMENT RATED.	
	DEPARTURE ROCHESTE TYPE OF AC	PNINT IN	TENDED DESTINATION ROCHESTER + NY		L.	AST LAI	ENF	ROUTE STOP NG,MI F UPERATION		
		NG STRIKE						IGHT NORMAL CRUISE		
		CAUSE(S) - LIGHTNING STRIKE								
	FACTOR(S)  PERSONNEL - PRODUCTION-DESIGN-PERSONNEL POOR/INADEQUATE DESIGN  AIRFRAME - WINGS WINGTIPS WEATHER RRIEFING - PARTIAL BRIEFING BY FLIGHT SERVICE PERSONNEL, BY PHONE/RADIO, LIMITED BY PILOT ACTION									
	WEATHER FO	EFING BY FLIGHT SERV SIDERABLY WORSE THAN AUTIONARY LANDING ON PECTED OR KNOWN AIRCR	FORE AIRP	CAS OR T	Т	:L,	BY PHUNE/RADIU, LIMI?	ED BA ATEG! VELLON		
	SKY CONDIT				С	EIL 500		AT ACCIDENT SITE		
•	VISIBILITY 5 OR OVE	Y AT ACCIDENT SITE R(UNLIMITED)				REC: NO!	IPI IE	TATION AT ACCIDENT SIT	E	
	NONE TYPE OF FL	NNS TO VISION AT ACCI .IGHT PLAN	DENT SITE		T	YPE VFF		WEATHER CUMDITIONS		
	IFR REMARKS- V	ING TIP STRUCTURE M	ISSING FROM EACH WING	,FIBE	RGL	ASS	CO	NS TRUCTION.		

			AIRCRAFT DATA				PILOT DATA			
	6/6/78 TIME - 123	EAST TAWAS,MI	CESSNA 206G	CR- 1 0 PX- 0 0	O CUMI	MERCIAL	CUMMERCIAL, AGE 27, 1330 TOTAL HOURS, 7 IN TYPE, INSTRUMENT RATED.			
	DEPARTURE	POINT	INTENDED DESTINATION							
	EAST TAW	VS.MI	KOKOMD, IN							
	TYPE OF AC	CIDENT		PHASI	OF OP	ERATION				
	ENGINE F	AILURE OR MALFUN	CTION	TAH	EOFF 1	INITIAL CLIMB				
	COLLISIO	N WITH GROUND/WA	TER CONTROLLED	LAI	DING	LEVEL OFF/TOUCHDOWN				
	PROBABLE C									
	POWERPLAI FACTOR(S)	NT - MISCELLANEO								
	PILOT IN	COMMAND - SELECT								
			LETE ENGINE FAILURE/FLA FORCED LANDING OFF AIRP		1E					
	FIRE AFTER IMPACT REMARKS- OPEN AREA NORTH OF RWY THAT RAN LENGTH OF RWY.									
			F RWY THAT RAN LENGTH O	F KWY.						
			F RWY THAT RAN LENGTH O	F KWY.						
3 <b>-</b> 4020	REMARKS- O	PĒN AREA NORTH O R.FLINT.MI	BEECHCRAFT D-18S N80369	CR- 0 0		MERCIAL TAXI-CARGU	AIRLINE TRANSPURT, AGE 35, 2391 101AL HOURS, 241			
3-4020	REMARKS- 0	PĒN AREA NORTH O R.FLINT.MI	BEECHCRAFT D-18S	CR- 0 0			35, 2391 TOTAL HOURS, 247 IN TYPE, INSTRUMENT			
3-4020	REMARKS- 0. 11/3/78 NI TIME - 042	PËN AREA NORTH O R.FLINT.MI 7	BEECHCRAFT D-18S N80369 DAMAGF-DESTROYED	CR- 0 0			35, 2391 101AL HOURS, 247			
3 <b>-</b> 40?0	REMARKS- O	PEN AREA NORTH O R.FLINT.MI 7 RPORT - BISHOP F	BEECHCRAFT D-18S N80369 DAMAGF-DESTROYED	CR- 0 0			35, 2391 TOTAL HOURS, 247 IN TYPE, INSTRUMENT			
3 <b>-</b> 40?0	REMARKS- O.  11/3/78 NI TIME - 042  NAME OF AII DEPARTURE	PEN AREA NORTH O R.FLINT.MI 7 RPORT - BISHOP F	BEECHCRAFT D-18S N80369 DAMAGF-DESTROYED LINT INTENDED DESTINATION	CR- 0 0			35, 2391 TOTAL HOURS, 247 IN TYPE, INSTRUMENT			
3 <b>-</b> 40?0	REMARKS- O.  11/3/78 NI TIME - 042  NAME OF AII DEPARTURE	PEN AREA NORTH O  R.FLINT.MI  7  RPORT - BISHOP F POINT UIS.MO	BEECHCRAFT D-18S N80369 DAMAGF-DESTROYED LINT INTENDED DESTINATION	CR- 0 0 PX- 0 0	O AIR		35, 2391 TOTAL HOURS, 247 IN TYPE, INSTRUMENT			
3-40?0	REMARKS- OF ALL DEPARTURE SAINT LOT	PEN AREA NORTH O  R.FLINT.MI  7  RPORT - BISHOP F POINT UIS.MO	BEECHCRAFT D-18S N80369 DAMAGF-DESTROYED LINT INTENDED DESTINATION FLINT,MI	CR- 0 0 PX- 0 0	O AIR	TAXI-CARGO	35, 2391 TOTAL HOURS, 247 IN TYPE, INSTRUMENT			
3-4020	NAME OF AIL DEPARTURE SAINT LOI TYPE OF AC COLLIDED PROBABLE C.	PEN AREA NORTH O  R.FLINT.MI  7  RPORT - BISHOP F POINT UIS.MO CIDENT WITH PARKED AI  AUSE(S)	BEECHCRAFT D-18S N80369 DAMAGE-DESTROYED LINT INTENDED DESTINATION FLINT, MI	CR- 0 0 PX- 0 0	O AIR	TAXI-CARGO  ERATION	35, 2391 TOTAL HOURS, 247 IN TYPE, INSTRUMENT			
3-4020	REMARKS- O.  11/3/78 NI TIME - 042  NAME OF AII DEPARTURE SAINT LOI TYPE OF AC COLLIDED  PROBABLE C. PILOT IN	PEN AREA NORTH O  R.FLINT.MI  7  RPORT - BISHOP F POINT UIS.MO CIDENT WITH PARKED AI  AUSE(S) COMMAND - FAILE	BEECHCRAFT D-18S N80369 DAMAGF-DESTROYED  LINT INTENDED DESTINATION FLINT, MI  RCRAFT	CR- 0 0 PX- 0 0 PHASI TA)	O AIR	TAXI-CARGO  ERATION	35, 2391 TOTAL HOURS, 247 IN TYPE, INSTRUMENT			
3-4020	REMARKS- O.  11/3/78 NI TIME - 042  NAME OF AII DEPARTURE SAINT LOI TYPE OF AC COLLIDED  PROBABLE C. PILOT IN	PEN AREA NORTH O  R.FLINT.MI  7  RPORT - BISHOP F POINT UIS.MO CIDENT WITH PARKED AI  AUSE(S) COMMAND - FAILE	BEECHCRAFT D-18S N80369 DAMAGE-DESTROYED LINT INTENDED DESTINATION FLINT, MI	CR- 0 0 PX- 0 0 PHASI TA)	O AIR	TAXI-CARGO  ERATION	35, 2391 TOTAL HOURS, 247 IN TYPE, INSTRUMENT			
3-4020	NAME OF AIL DEPARTURE SAINT LOT TYPE OF AC COLLIDED PROBABLE C. PILOT IN FACTOR(S)	PEN AREA NORTH O  R.FLINT.MI  7  RPORT - BISHOP F POINT UIS.MO CIDENT WITH PARKED AI  AUSE(S) COMMAND - FAILE COMMAND - TAXIE	BEECHCRAFT D-18S N80369 DAMAGF-DESTROYED  LINT INTENDED DESTINATION FLINT, MI  RCRAFT	CR- 0 0 PX- 0 0 PHASI TAX R AIRCRAF1 ASSISTANCE	O AIR	TAXI-CARGD ERATION M LANDING	35, 2391 TOTAL HOURS, 247 IN TYPE, INSTRUMENT			

FILE	DATE	LOCATION	AIRCRAFT DATA			ES S M/N		FLIGHT PURPOSE	PILUT DATA
3-1683	5/19/78 TIME - 22	ALEXANDRIA,MN 50	CESSNA 402B N87143 DAMAGE-DESTROYED					DMMERCIAL R TAXI-CARGU	CUMMERCIAL, FL.INSTR., AGE 35, 1460 TUTAL HOURS, 30 IN TYPE, INSTRUMENT RAIED.
		IRPORT - ALEXANDRI POINT	A MUNI INTENDED DESTINATION						
	ST. LOUI		GRAND FORKS.ND						
	TYPE OF A				PH	HASE	oF (	PERATION	
	COLLINE	D WITH TREES				LAND	ING	MISSED APPROACH	
	FACTOR(S) WEATHER WEATHER WEATHER B	N COMMAND - IMPROP - FOG - LOW CEILING RIEFING - BRIEFED	ER IFR OPERATION  BY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT		вч	PHON	E		
	WEATHER F	URECASI - FURECASI							
	SKY CONDI	TION					G A	T ACCIDENT SITE	
	ORSCURA					700			
		Y AT ACCIDENT SITE				NONÉ	_	TION AT ACCIDENT SITE	
		3 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE						RE-F	
		11113 13 113131 21 2	3112			55			
	FOG					THE W	F + C1	CITY-KNOTS	
		CTION-DEGREES			W J	run v	FLU	71 11-KNU13	
	WIND DIRE 280	CTION-DEGREES EATHER CONDITIONS				18		IGHT PLAN	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PIL(J) DATA
3-0454	3/7/78 L	MUREL, MS		CR- 1 0 0 PX- 1 0 0	COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, AGE 69, 30087 TUTAL HUURS, 1000 IN TYPE, INSTRUMENT RATED.
					F (IPERATION	
		WITH GROUND/WATE	ER CONTROLLED		NG FINAL APPROACH	
	PILOT IN C FACTOR(S) WEATHER WEATHER - WEATHER BRIEN WEATHER BRIEN WEATHER FORE	MMAND - IMPROPE DMMAND - ATTEMPT LOW CEILING RAIN FOG - BRIFFED B CAST - FORECAST	R IFR OPERATION FD OPERATION REYOND E SY FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT RCED LANDING OFF AIRP	ONNEL, BY PHONE	IY LEVEL	
	SKY CONDITIO	N		CEILING	Al ACCIDENT SITE	
	PARTIAL OB	SCURATION T ACCIDENT SITE		400	TATION AT ACCIDENT SITE	
		TO VISION AT AC	CIDENT SITE		WEATHER CONDITIONS	
	IFR REMARKS- PLT	•				
3-0938	5/3/78 S TIME - 0440		CESSNA R172 N1147V DAMAGE-SUBSTANTIAL	PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 34, 483 101AL HOURS, 20 IN TYPE, INSTRUMENT RATED.
	DEPARTURE PO CAPE GIRAR	DEAU.MO				2
	TYPE OF ACCI UNDERSHOOT NOSE OVER/			LANDI	F OPERATION NG FINAL APPROACH OPERATION	
	PILOT IN C FACTOR(S) TERRAIN - I	) NULZIM - NVAMMN	GED DISTANCE AND ALTIT IN INITIATING GO-ARD			

FILE	DATE	LOCATION	AIRCRAFT DATA	I N J U	JRIES S M/	. FLIGHT N PURPOSE	PILUT DATA
3-0505	4/11/78 HELENA.MT TIME - 1530		CESSNA 206	CR- C	0 0	1 COMMERCIAL	CUMMERCIAL, FL.INSTR., AGE 28, 2390 TÜTAL HÜÜRS, 394 IN TYPE, INSTRUMENT RATEU.
	DEPARTURE HELENA.	MT CCIDENT	INTENDED DESTINATION DILLON,MT			OF OPERATION I TO TAKEOFF	KATEU:
	WEATHER WEATHER BI	N COMMAND - EXERO - UNFAVORABLE WI	BY WEATHER BUREAU PERSO	DNNEL, I	IN PER	Son	
	5 OR OVI OBSTRUCTI NONE WIND DIRE 260		ACCIDENT SITE		6000 PRECI NON RELAT LEF WIND 30	PITATION AT ACCIDENT SI	
		GUSTING TO 40K.			VII		
3-1489	TIME - 08		CESSNA U206 N2174F DAMAGF-SURSTANTIAL INTENDED DESTINATION	CR- C	0 0	1 COMMERCIAL 2 AIR TAXI—PASSG	CUMMERCIAL, AGE 53, 9800 TOTAL HOURS, 45 IN TYPF, INSTRUMENT RATED.
	HAMILTOI TYPE OF AC GROUND-I COLLIDE	LEACHMAN RANCH		LAN	OF OPERATION DING ROLL DING ROLL		
	TERRAIN FACTOR(S) PILOT I	N COMMAND - SELEC - OTHER N COMMAND - INADE	TED UNSUITABLE TERRAIN  QUATE PREFLIGHT PREPARAT  & LND PARALLEL TO 20 DEG				TE WALL US SEED LOT

TLE	NATE	LUCATION	AIRCRAFT DATA				FLIGHT PURPOSE	PILUI DATA		
3-3102	11/12/78 WOLF TIME - 1155	PUINT •WT	CESSNA 310J N3057L DAMAGE-SURSTANTIAL					Alp, FLIGHT INSTR., AGE 35, 11060 TUTAL HOURS, 980 IN TYPE, INSTRUMENT RAIED.		
	NAME OF ATRPORT						•			
	DEPARTURE POINT		INTENDED DESTINATION							
	WOLF POINT, MT		BISMARCK+ND		133.14.4		- AUCDATION			
	TYPE OF ACCIDEN						F OPERATION NG LEVEL DEF/TOUCHDUWN			
	GEAR COLLAPSE				-		NG ROLL			
	HEAR ONCEARSE	,			٠,	(141) I (	113 NOCE			
	PROBABLE CAUSE(	S )								
	PILOT IN COMM	AND - IMPROPE	R OPERATION OF BRAKES	AND/OR	FLI	H1	CUNTROLS			
	FACTOR(S)									
	WEATHER - ICING CONDITIONS-INCLUDES SLEET.FREEZING RAIN.ETC. MISCELLANEOUS ACTS.CONDITIONS - ICE-WINDSHIELD									
	AIRPORTS/AIRW									
	MISCELLANEOUS									
	WEATHER BRIEFIN									
	WEATHER FORECAS									
	SKY CONDITION				CETI	TNG	AT ACCIDENT SITE			
	OVERCAST					000	71 40015601 5116			
	VISIBILITY AT A	CCIDENT SITE			PRF	. 1 P 1	TATION AT ACCIDENT SITE			
	VISIBILITY AT A 3 MILES OR LE					10M 161	TATION AT ACCIDENT SITE			
		SS	CIDENT SITE		12	10 M	E BEARING OF WIND			
	3 MILES OR LE	SS	CIDENT SITE		SI RELA	OW TIVI				
	3 MILES OR LE OBSTRUCTIONS TO	SS	CIDENT SITE		SI RELA	IIV VIIV	BEARING OF WIND			
	3 MILES OR LE OBSTRUCTIONS TO NONE	SS	CIDENT SITE		SI RELA TA WINL	IIV VIIV	E BEARING OF WIND WIND 158-202 DEGREES			
	3 MILES OR LE OBSTRUCTIONS TO NONE TEMPERATURE-E	SS VISION AT AC	CIDENT SITE		SI RELA TA WINU TYPE	OW TIVE VIL 1 D DIE BO E OF	E BEARING OF WIND WIND 158-202 DEGREES			
	3 MILES OR LE OBSTRUCTIONS TO NOME TEMPERATURE-F 20 WIND VELOCITY-K 7	SS VISION AT AC	CIDENT SITE		SI RELA TA WINL	OW TIVE VIL 1 D DIE BO E OF	E BEARING OF WIND WIND 158-202 DEGREES RECTION-DEGREES			
	3 MILES OR LE OBSTRUCTIONS TO NONE TEMPERATURE-E 20 WIND VELOCITY-K 7 TYPE OF FLIGHT	SS VISION AT AC	CIDENT SITE		SI RELA TA WINU TYPE	OW TIVE VIL 1 D DIE BO E OF	E BEARING OF WIND WIND 158-202 DEGREES RECTION-DEGREES			
	3 MILES OR LE OBSTRUCTIONS TO NOME TEMPERATURE-F 20 WIND VELOCITY-K 7	SS VISION AT AC NOTS PLAN	CIDENT SITE		SI RELA TA WINU TYPE	OW TIVE VIL 1 D DIE BO E OF	E BEARING OF WIND WIND 158-202 DEGREES RECTION-DEGREES			

FILE			AIRCRAFT DATA	F	S M	/ NI	PHRPHSE	PILOT DATA
		GENDA PEAK,NV					COMMERCIAL AIR TAXI-PASSG	
	LOS ANGEL	.ES.CA	INTENDED DESTINATION LAKE TAHDE+CA	ţ			F OPERATION IGHT DESCENDING	
	PILOT IN FACTOR(S) WEATHER - WEATHER BRI	COMMAND - IMPROPE COMMAND - CONTINU - LOW CEILING EFING - BRIEFED B	R IN-FLIGHT DECISIONS JED VER FLIGHT INTO AD  Y-FLIGHT SERVICE PERSI SUBSTANTIALLY CORRECT	VERSE WE	ATHE	R C	SADITIONS	
	SKY CONDITION						AT ACCIDENT SITE	
	BROKEN VISIBILITY	1	30 REC		TATION AT ACCIDENT SILE			
	5 OR OVER(UNLIMITED) DRSTRUCTIONS TO VISION AT ACCIDENT SITE NONE				NO TEMP 31	ĔRΑ	TURE-F	
	WIND DIRECTION-DEGREES						LUCITY-KNOTS	
	TYPE OF WEA	DUED ACE	DLCOVEDEN 2/10/79					
	KEMAKKS- IL	IPS OF MOUNTAINS (	BRZCHKED•KADAK PERL ZHI	JWED ACF	1 (1	KUL	ING IN ARÊA UVER 12MIN.	RECUVERED 271977%.
3-2215	2/21/78 TIME - 1450	GENNA PEAK,NV	BELL 47G3B1 N136OX DAMAGE-DESTROYED				COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 47, 1660 TUTAL HUURS, 12000 IN TYPE, NUT INSTRUMENT RATED.
			INTENDED DESTINATION					KATED.
	MINDEN.NN TYPE OF ACC PROPELLER ROLL OVER	CIDENT CROTOR FAILURE T	GEN∏A PFAK∙NV AIL ROTOR	1	LA	IGN	F OPERATION NG POWER-ON LANDING NG POWER-UN LANDING	
	PROBABLE CA ROTORCRAF MISCFLLAN REMARKS- MR	UNDING ATTACHMENTS.						

FILE	DATE	LOCATION	AIRCRAFT DATA	I NJUR F	IES S M/N	FLIGHT PURPOSE	PILOT DATA		
3-1768	6/23/78 TIME - 1615	LAS VEGAS,NV	PIPER PA-31 N88LV DAMAGE-SHRSTANTIAL	CR- 0 PX- 0	0 1 0 9	COMMERCIAL AIR TAXI-PASSG	AIP,FLIGHT INSTR., AGE 46, 5999 TOTAL HOURS, 165 IN TYPE, INSTRUMENT RATELL.		
	NAME OF AIR DEPARTURE F GRAND CAN TYPE OF ACC WHEELS—UP		VEGAS INTENDED DESTINATION LAS VEGAS,NV	Р	HASE (	DE OPERATION NG LEVEL OFF/TOO			
	FACTOR(S) PERSONNEL	COMMAND - FAILED - MAINTENANCE.S	TO ASSURE THE GEAR WAS ERVICING, INSPECTION IN FMERGENCY/EXTENSION ASS	4PROPER ™			E PERSUNNEL)		
	SYSTEMS - MISCELLAN MISCELLAN MISCELLAN	- HYDRAULIC SYSTE HEDUS ACTS+CONDIT MEDUS ACTS+CONDIT HEDUS ACTS+CONDIT		E LE					
3-4401		LAS VEGAS,NV 7 RPORT — NORTH LAS	DAMAGE-DESTROYED	CR- 1 PX- 9	0 0 0 0	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 48, 6325 TOTAL HOURS, 121 IN TYPE, INSTRUMENT RATED.		
	DEPARTURE I LAS VEGAS TYPE OF ACC	CIDENT CIDENT	INTENDED DESTINATION SANTA ANA,CA	ON  PHASE OF OPERATION  TAKEOFF INITIAL CLIMB					
	PROBABLE CA SYSTEMS - MISCELLAN	- FLIGHT CONTROL LEGUS ACTS.CONDIT	SYSTEMS ELEVATOR AND E IONS - LONSE, PART/FITTI ROL STOP BACKED OUT, LIE	NG	ТАВ С	DNTROL SYSTEM	DEG UF NURM 20DEG RANGE.		
3-0753	3/4/78 NF TIME - 0146		CESSNA 320 N4108T				3 *1.03e		
	GALLUP∙NM TYPE OF ACC	POINT CIDENT N WITH GROUND/WAT	DAMAGE-DESTROYED INTENDED DESTINATION ALBUQUERQUE,NM  ER UNCONTROLLED	L P	AST EN WINDO HASE O IN FI	ROUTE STOP DW ROCK,AZ DF OPERATION .IGHT UNCONTROLL	ED DESCENT		
		NEMUS - UNDETERMI RCRAFT - LATER RE	NED						

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILUT DATA
			CR- 0 0 1 PX- 0 0 2	COMMERCIAL	CUMMERCIAL, FL.INSTR AGE 25. 467 TOTAL HOURS, 69 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT ROSWELL.NM TYPE OF ACCIDENT PROPELLER/ROTOR FAILU	INTENDED DESTINATION ALBUQUERQUE,NM RE PROPELLER		F OPERATION IGHT NORMAL CRUISE	NATED.
	MISCELLANEOUS ACTS.COMISCELLANEOUS ACTS.COMISCELLAN	R AND ACCESSORIES BLADES NOTITIONS — PREVIOUS DAMAGE NOTITIONS — FATIGUE FRACTURE NOTITIONS — SEPARATION IN FU E SEPARATED INFLIGHT.BLADES	_ I GHT	DAMAGE AND HAD BEEN S	TRAIGHTENED.
3-3938	R/25/78 NR.RATON.NM TIME - 2337		PX- 5 0 0		AIRLINE TRANSPORT, AGE 37, 3702 TUTAL HOURS, 679 IN TYPE, INSTRUMENT RAIEU.
	NAME OF AIRPORT - CREWS DEPARTURE POINT KANSAS CITY,MO	INTENDED DESTINATION			
	TYPE OF ACCIDENT	/WATER CONTROLLED	PHASE OF IN FL	F OPERATION IGHI DESCENDING	
		PROPER IN-FLIGHT DECISIONS SJUDGED ALTITUDE AND CLEAR			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES E S M/	FLIGHT N PURPUSE	PILUT DATA			
3-3691	10/24/78 TIME - 10	NR.TORREON,NM	BEECH 65-80	CR- 1 0 PX- 3 0	O CUMMERCIAL O AIR TAXI-PASSG	CUMMERCIAL, AGE 53, 3665 TUTAL HOURS, UNK/NR IN TYPE, NUT INSTRUMENT			
	DEPARTURE OBERLIN TYPE OF A	PUINT	INTENDED DESTINATION PHOENIX.	PHASE IN 1	OF OPERATION FLIGHT UNCONTRULLED DES				
	PILOT I PILOT I FACTOR(S)	N COMMAND - ATTEMPT N COMMAND - CONTINU N COMMAND - SPATIAL	ED OPERATION BEYOND E ED VER ELIGHT INTO AD DISORIENTATION		LITY LEVEL				
	WEATHER WEATHER B		Y FLIGHT SERVICE PERS SUBSTANTIALLY CORRECT	ONNEL. BY PHO	ΝE				
		=		CEILING AT ACCIDENT SITE  UNKNOWN/NOT REPORTED  PRECIPITATION AT ACCIDENT SITE  RAIN					
	OBSTRUCTI UNKNOWN TYPE OF F	ONS TO VISION AT AC J/NOT REPORTED LIGHT PLAN	CIDENT SITE	TYPE OF WEATHER CONDITIONS  IFR					
	NONE REMARKS-		T IMPACT.NO INST TIME	LOGGED SINCE	11/6/76.MTNS & PASSES O	BSCURED.			
3-3377	11/30/78 TIME - 20	ALBUQUERQUE, NM	PIPER PA-34 N3039M DAMAGE-SUBSTANTIAL	PX- 0 0	1 COMMERCIAL O AIR TAXI-PASSG	COMMERCIAL, AGE UNK/NR, 12801 JUTAL HOURS, 40 IN 199E, INSTRUMENT RATED.			
	DEPARTURE MIDVALL	.EY AIRPARK→NM .CCIDENT		PHASE	OF OPERATION DING LEVEL OFF/TOUCHDOW	IN.			
	PROBABLE	CAUSE(S)	TO EXTEND LANDING GEA		PING FEACT OLLY LOOCHDOM				

1

FILE			AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPUSE	PILUI DATA			
3-0304	1/26/78 TIME - 0838		CESSNA 206U N3930G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, AGE 51, 21000 101AL HUURS, 4000 IN 19PE, INSTRUMENT RATED.			
		Y IDENT	INTENDED DESTINATION RED HOOK•NY		OF OPERATION TO TAKEUFF				
	WEATHER - WEATHER BRI	COMMAND - EXERCI UNFAVORABLE WIN	BY FLIGHT SERVICE PERS	ONNEL• IN PERS	onn				
		AT ACCIDENT SITE	·	2000 PRECIA	PITATION AT ACCIDENT SIT	re			
		(UNLIMITED) S TO VISION AT A JON-DEGREES	ACCIDENT SITE	34	: RATURE-F /ELUCITY-KNOTS				
	TYPE OF WEA	THER CONDITIONS			36 TYPE OF FLIGHT PLAN IFR				
3-0433		FISHERS ISLAND,	NY PIPER PA-28 N6910J DAMAGE-SUBSTANTIAL	PX- 0 0 3	B AIR TAXI-PASSG	CUMMERCIAL, AGE 40, 750 TUTAL HOURS, 135 IN TYPF, INSTRUMENT RATED.			
	DEPARTURE P WATERFORD TYPE OF ACC	·CT IDENT	FIELD INTENDED DESTINATION RETURN	LAST E FISH PHASE	ENROUTE STOP HERS ISLAND.NY OF OPERATION DING ROLL				
	PERSONNEL FACTOR(S) PERSONNEL	COMMAND - MISJUR - AIRPORT SUPER - AIRPORT SUPER	VISORY PERSONNEL IMPR VISORY PERSONNEL FAIL	URE TO NOTIFY	OF UNSAFE COND/AND OR F	CAILURE TU MARK URSTRUCTION			
			IES - AIRPORT CONDITION OGS & DEBRIS 36 FT L O						

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPUS	
	4/20/78 TIME - 20 DEPARTURE SYRACUSI TYPE OF A	DRYDEN,NY 20 PHINT E.NY CCIDENT ON WITH GROUND/WATE	PIPER PA-23 N6858Y DAMAGE-SUBSTANTIAL INTENDED DESTINATION CORTLAND,NY	CR- 0 .0 1 COMMERCIA PX- 0 0 0 AIR DAXI-	CUMMERCIAL, AGE 46, 4292 CARGO TUTAL HOURS, 741 IN TYPE, INSTRUMENT RATED.
	PILOT I FACTOR(S) WEATHER WEATHER WEATHER WEATHER B	N COMMAND - MISJUDG - LOW CFILING - RAIN - FOG	O OF BRIEFING RECEIVED	RSE WEATHER CONDITIONS	
	VISIBILIT  4 MILES OBSTRUCTI  FOG WIND DIRE  290	TION /NOT REPORTED Y AT ACCIDENT SITE OR LESS ONS TO VISION AT AC CTION-DEGREES EATHER CONDITIONS	CCIDENT SITE	CEILING AT ACCIDE 300 PRECIPITATION AF RAIN TEMPERATURE-F 36 WIND VELOCITY-KNO 10 TYPE OF FLIGHT PL NONE	ACCIDENT SITE
3-2351	TIME - 13	FLUSHING,NY OO IRPORT - LAGUARDIA POINT	DAMAGE-SURSTANTIAL	CR- 0 0 1 COMMERCIA PX- 0 0 1 AIR 1AXI-	L CUMMERCIAL, AGE 43, 3297 PASSG TUTAL HOURS, 282 IN TYPF. INSTRUMENT RATED.
		RE,MD CCIDENT	FLUSHING.NY	PHASE OF OPERATION LEVEL	
	FACTOR(S)	N COMMAND - FAILED	TO ASSURE THE GEAR WAS IONS - CIRCUIT BREAKER		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIE F S	S M/N		PILUT DATA
3-3499	8/7/78 TIME - 003	EAST HAMPTON.NY	PIPER PA-31 N9093Y DAMAGE-SURSTANTIAL	CR- 0 0 PX- 0 0	2	COMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 41, 2507 TUTAL HOURS, 150 IN TYPE, INSTRUMENT RATEU.
		Υ	TON INTENDED DESTINATION EAST HAMPTON,NY			F NPERATION NG MISSED APPROACH	
	FACTOR(S) WEATHER : WEATHER BR	COMMAND - FAILED - FOG IEFING - BRIEFED	TO OBTAIN/MAINTAIN FL		HONE		· ·
	SKY CONDIT OBSCURAT VISIBILITY 3/4 MILE OBSTRUCTIO GROUND F WIND VELOC A TYPE OF FL IFR	ION ION AT ACCIDENT SITE OR LESS NS TO VISION AT ACOG ITY-KNOTS IGHT PLAN		1 PRE N WIN 2 TYP I	OO CIPI ONE D DI 20 E OF FR	AT ACCIDENT SITE  TATION AT ACCIDENT SITE  RECTION-DEGREES  WEATHER CONDITIONS  RENCE-ENCIRD GND FOG AF	
3-4331	9/1/78 TIME - 204	LATHAM,NY 6	BEECH E18S N58H DAMAGE-DESTROYED			COMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 51, 4618 TUTAL HOURS, 214 IN TYPE, INSTRUMENT
	DEPARTURE ALBANY,N' TYPE OF AC ENGINE F	T	INTENDED DESTINATION WINDSOR LOCKS.CT	T	AKEO	F OPERATION FF INITIAL CLIMB NG OTHER	RATED.
	PROBABLE C POWERPLAI PILOT IN FACTOR(S) MISCELLA COMPLETE PI EMERGENCY FIRE AFTER REMARKS— F						

FILE	DATE	<b>LUCATIUN</b>	AIRCKAFT DATA	I N J I I F	KIES S M	/ N	FLIGH) PURPOSE	PILO1 DATA
3-4161	12/2/78 TIME - 1603	WATERTOWN,NY	DFHAVILLAND DHC-6 N59AN DAMAGF-SUBSTANTIAL	CR- 0 PX- 0 NT- 0	0 0 0	2 1 1	C()MMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPÜRT, AGF 35, 8673 TUTAL HÜURS, 4812 IN TYPE, INSTRUMENT RAIEU.
	DEPARTURE P WATERTOWN TYPE OF ACC		INTENDED DESTINATION UNKNOWN/NOT REPORTED				F UPERATION C IDLING ENGINE(S)	
	PROBABLE CA PERSONNEL		-PERSONNEL PILOT OF OT	HER AIR	CRAF	Ť		
3-0443	3/2/78 TIME - 2020		REECH B18G N180P DAMAGE-DESTROYED	CR- 0 PX- 0	1 0	0	CUMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR., AGF 30, 6500 TUTAL HOURS, 2825 IN TYPE, INSTRUMENT RATED.
	NAME OF AIRPORT - ROCKINGHAM-HAMLET  DEPARTURE POINT INTENDED DESTINATION ROCKINGHAM,NC PONTIAC,MI  TYPE OF ACCIOENT PHASE OF OPERATION COLLIDED WITH WIRES/POLES TAKEOFF INITIAL CLIV							
	PILOT IN FACTOR(S) PILOT IN MISCELLAN - AIRPORTS/ FIRE AFTER	COMMAND - INADEQ COMMAND - FAILED COMMAND - SELECT SEOUS ACTS.CONDIT AIRWAYS/FACTLITI IMPACT	UATE PREFLIGHT PREPARAT TO ABORT TAKEDEE ED UNSUITABLE TERRAIN IONS — DISREGARD OF GOO ES — AIRPORT CONDITIONS VRD RWY WITH 1/2IN SNOW	OD OPERA S SNOW (	TING ON R	ΡŘ	ACTICE	
3-3248	6/29/78 TIME - 0930		CESSNA 3100 N75370 DAMAGE-SURSTANTIAL	CR- 0 PX- 0	0	1 2	COMMERCIAL AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGE 23. 7218 TOTAL HOURS, 620 IN TYPE, INSTRUMENT RATED.
	DEPARTURE A OXFORD.NC TYPE OF ACC	PORT - RALEIGH DE POINT : : :IDENT :XPLOSION IN FLIC	INTENDED DESTINATION ATLANTA.GA				F OPERATIUN IGHI NORMAL CRUISE	RAIEU.
	SYSTEMS -	- MAINTENANCE.S ELECTRICAL SYST	ERVICING, INSPECTION 'IN EM RELAYS AND WIRING IONS — IMPROPERLY SECUR		MAIN	TEN	ANCE (MAINTENANCE PERSU	NNEL)

FILE	DATE	LOCATION	. AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPUSE	PILUÍ DATA
3-2713	8/30/78 TIME - 232	CREEDMOOR.NC 5	CESSNA 172C N8471X DAMAGE-SUBSTANTIAL	CR- 0 0 1	COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, AGE 23, 682 TUTAL HOURS, 260 IN TYPE, INSTRUMENT KATED.
	DEPARTURE	PUINT	INTENDED DESTINATION			INSTRUCION RATED.
	MT HOLLY		RALEIGH .NC	211455 0	- COCDATION	
	ENGINE F	AILURE OR MALEUNC WITH TREES	T INN	IN FL	F OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHOUW	in
	PILOT IN MISCELLA MISCELLA FACTOR(S) TERRAIN COMPLETE P EMERGENCY	COMMAND - IMPROP COMMAND - MISMAN, NEOUS ACTS.CONDIT HIGH OBSTRUCTION OWER LOSS - COMPL CIRCUMSTANCES - FO	IONS - MISCALCULATED F IONS - FUEL EXHAUSTION	UEL CONSUMPTION MEDUT-1 ENGINE ORT ON LAND	RP1,CUNTINUED. EXHAUSI	fu fuel.
3-3907	9/18/78 TIME - 013	MORRISVILLE•NC 8	TED SMITH 600 N7547S DAMAGE-SURSTANTIAL		COMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR., AGE 26, 4358 TUTAL HOURS, 907 IN TYPE, INSTRUMENT RATED.
		RPORT - RALEIGH-DI	KATED.			
	DEPARTURE MORRISVI		INTENDED DESTINATION CHARLOTTE • NC			
	TYPE OF AC		CHARLOTTE	PHASE OF	= OPERATION	
	ENGINE F	AILURE OR MALFUNC WITH TREES	TION	TAKEO	FF RUN FF ABURTED	
	POWERPLA MISCELLA POWERPLA PILOT IN PILOT IN FACTOR(S) MISCELLA COMPLETE P EMERGENCY	L — MAINTENANCE,SI NT — IGNITION SYS: NEGUS ACTS,CONDIT NT — IGNITION SYS: COMMAND — INADEGI COMMAND — DELAYEI NEGUS ACTS,CONDIT NEGUS ACTS,CONDIT DWER LOSS — COMPLE	IONS - LOOSE PART/FITT TEM SPARK PLUG  UATE PREFLIGHT PREPARA D ACTION IN ABORTING T.  IONS - IMPROPER EMERGEI IONS - RAN OFF END OF LETE ENGINE FAILURE/FLAI ORCED LANDING ON AIRPO	ING TION AND/OR PLA AKEOFF NCY PROCEDURES RUNWAY MEDUT-1 ENGINE	NNING E/HELIPT.	·

		AIRCRAFT DATA	F	S M/N		PURPOSE	PILUT DATA		
	CINCINNATI, OH	LEAR JET 24D	CR- (	0 2	COM		AIRLINE TRANSPORT, AGE 54, 15000 TUTAL HOURS, 2400 IN TYPE, INSTRUMENT RATED.		
	RPORT - LUNKEN								
	POINT								
CHICAGO,		CINCINNATI, NH							
TYPE OF AC	-					ERATION			
UNDERSHO HARD LAN						FINAL APPROACH LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE FACTOR(S) PILOT IN COMMAND - OPERATED CARELESSLY COPILOT - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. WEATHER - SNOW MISCELLANEOUS ACTS. CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT									
SKY CONDIT	-			CEILIN		ACCIDENT SITE			
VISIBILITY	AT ACCIDENT SIT	E			ITATI	ON AT ACCIDENT SITE			
	NS TO VISION AT	ACCIDENT SITE				ARING OF WIND VARIABLE			
TYPE OF WE	EATHER CONDITIONS		TYPE OF FLIGHT PLAN  IFR						
REMARKS- 1	ST OFF DUTIES IN	CLUDE CALLING OHT ANY D	EVIATIO	IS IN A	L1,A/	S.OR RATE OF DESCENT	AFT RWY IN SIGHT.		

		ON AIRCRAFT DATA	F S M/N	PURPOSE	ΡΙΙΟΙ ΝΔΤΔ				
	2/8/78 BLUFFTON.O TIME - 2130		CR- 0 0 1 PX- 0 0 0		CUMMERCIAL, AGE 49, 4908 TUTAL HOURS, ALL IN TYPE, INSTRUMENT RATED,				
	NAME OF AIRPORT - BLU DEPARTURE POINT SPARTA.TN TYPE OF ACCIDENT UNDERSHOOT COLLIDED WITH WIRE	FETON INTENDED DESTINATION BLUFFTON.OH	PHASE N LANDI)	F DPERATION NG FINAL APPROACH NG FINAL APPROACH	INSTRUMENT KNIED.				
	TERRAIN - HIGH OBST FACTOR(S) WEATHER - FOG	TEFED BY FLIGHT SERVICE PERSO							
	SKY CONDITION PARTIAL OBSCURATION VISIBILITY AT ACCIDEN UNKNOWN/NOT REPORTE	T SITE	UNLIM	AT ACCIDENT SITE ITED TATION AT ACCIDENT S	ITE				
	DESTRUCTIONS TO VISIO FOG WIND VELOCITY-KNOTS		WIND DI 280	RECTION-DEGREES WEATHER CONDITIONS					
	4 TYPE OF FLIGHT PLAN NONE		VFR						
	REMARKS- APT UNATTENDED.LOCALIZED FOG NOT REPORTED.								
3-4290	6/20/78 MENTOR, OH TIME - 1723	HILLER UH12L4 N86688 DAMAGE-SUBSTANTIAL		COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, AGE 38, 4239 TUTAL HUURS. 68 IN TYPE, INSTRUMENT RATED.				
	DEPARTURE POINT MENTOR.OH TYPE OF ACCIDENT MISCELLANEOUS HARD LANDING	INTENDED DESTINATION RICHMOND HEIGHTS.OH							
	PROBABLE CAUSE(S)  POWERPLANT - POWERPLANT-INSTRUMENTS POWER INDICATORS  FMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND  SUSPECTED MECHANICAL DISCREPANCY								

	DATE	LUCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILU? DATA
3-4434			BEECH G18	CR- 0 1 0 PX- 0 0 0		AIRLINE TRANSPURT, AGE 42, 2673 101AL HOURS, 267 IN TYPE, INSTRUMENT RATED.
	DEPARTURE BOWLING TYPE OF AC HARD LAN	RPORT - CLEVELAND POINT GREEN•KY	É (PERATION NG LEVEL ()FÉ/TOUCHDOWN NG GO-AROUND			
	PILOT IN MISCELLA MISCELLA FIRE AFTER	I COMMAND — IMPROPE N COMMAND — INADEQL NEOUS ACTS+CONDITI NEOUS ACTS+CONDITI IMPACT	TATE PREFLIGHT PREPARA ONS - CARGO SHIFTED ONS - IMPROPERLY SECU	RED		
	REMARKS- N	NII CAKGII MET IIK KIIF	PE FOUND IN AIRCRAFT.1	21 FT IN IHI2	MUDEL •	
3-4445	10/31/78 N TIME - 053	WR.CINCINNATI, NH	REECH 58 N788CF DAMAGE-SUHSTANTIAL	PX- 0 0 1	CUMMERCIAL AIR TAXI-PASSG	AIRLINE TRANSPORT, AGE 36, 3560 TUTAL HOURS, 204 IN TYPE, INSTRUMENT RAIED.
		NDING CIDENT	INTENDED DESTINATION CINCINNATI, OH	LANDI	F OPERATION NG GO-AROUND NG ROLL	
	PILOT IN FACTOR(S)	N COMMAND - TMPROPE N COMMAND - DELAYED	R IFR OPFRATION IN INITIATING GO-ARO ONS - OVERLOAD FAILUK			
	WEATHER		NY FLIGHT SERVICE PERS	ONNEL, BY PHONE		
	1/2 MILE		CIDENT SITE	UNKNO	AT ACCIDENT SITE WN/NDT REPORTED TATION AT ACCIDENT SITE	
	EOG WIND VELOC CALM TYPE OF FL IER	CITY-KNOTS		38		

FIL		LUCATION		INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA	
		NORTH CANTON.OH	PIPER PA-32 N8967N DAMAGF-SURSTANTIAL	CR- 0 0 1 PX- 0 0 0		COMMERCIAL, FL.INSTR., AGE 21, 1513 TOTAL HOURS, 20 IN TYPE, INSTRUMENT RATED.	
	NORTH TYPE OF A ENGINE	CANTON, OH	INTENDED DESTINATION NORTH CANTON.OH	PHASE IN F	NRUUTE STOP PHILADELPHIA,OH OF OPERATION LIGHT DESCENDING ING LEVEL OFF/TOUCHDWN		
	PILOT MISCELI MISCELI FACTOR(S WEATHEI COMPLETE	LANEOUS ACTS, CONDIT LANEOUS ACTS, CONDIT ) R - CONDITIONS CONDI POWER LOSS - COMPLE	ER OPERATION OF POWERP	NG EQUIPMENT— ON SYSTEM ICIM 4FOUT—1 ENGINE	IMPROPER OPERATION OF/OR PG	R FAILED IU USE	
	1 MILE		CCIDENT SITE	800 PRECIF SNOW	G AT ACCIDENT SITE PITATION AT ACCIDENT SITE SHOWERS, FREEZING DRIZZ ATURE-F		
		WEATHER CONDITIONS		_	F FLIGHT PLAN		
3-34	TIME - 1	DAYTON,OH 030 AIRPORT - DAYTON IN	REECH C45H N98637 DAMAGE-SURSTANTIAL	PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, AGE 23, 1425 TOTAL HUURS, 95 IN TYPE, INSTRUMENT RATED.	
	DEPARTURE CINCIN TYPE OF A ENGINE	F POINT NATI•OH	INTENDED DESTINATION DAYTON •OH	LANI	OF UPERATION VING FINAL APPROACH ING LEVEL OFF/TOUCHOOWN	i	
	PILNT PILNT !	CAUSE(S) IN COMMAND - INADEDI IN COMMAND - MISMANA		TION AND/OR PL	ANNING		2 · 44 · 1
	TERRAI! COMPLETE EMERGENCY	N - OTHER POWER LOSS - COMPLI Y CIRCUMSTANCES - FO	IONS - FUFL EXHAUSTION ETE ENGINE FAILURE/FLAM DRCED LANDING OFF AIRPO	MECUT-2 ENGINE ORT ON LAND			
per salar as a gray a salara salara s	R EMARKS-	FORCED LANDING IN	HAY FIELD.		The state of the s	en e	

FILE			INJURIES FLIGHT F S M/M PURPUSE	PILDI DATA
3-0033	1/24/78 DURDIS.PA TIME - 2005  NAME OF AIRPORT - DUBDIS JEDEPARTURE POINT DUBDIS.PA TYPE OF ACCIDENT ENGINE FAILURE OR MALEUNC	JNTENDED DESTINATION LANCASTER.PA	CR- 1 0 0 CHMMERCIAL PX- 1 0 0 AIR TAXI-PASSG  PHASE OF OPERATION TAKEOFF INTITAL CLIMB	CUMMERCIAL, AGE 26, 1230 THIAL HOURS, 560 IN TYPE. INSTRUMENT RATED.
	COLLISION WITH GROUND/WAT  PROBABLE CAUSE(S)  MISCELLANEOUS - FORFIGN M. MISCELLANEOUS ACTS.CONDIT  MISCELLANEOUS ACTS.CONDIT  PILOT IN COMMAND - IMPROPI  COMPLETE POWER LOSS - COMPL  EMERGENCY CIRCLIMSTANCES - FO  FIRE AFTER IMPACT  REMARKS- ICE WAS FOUND IN FI	ATERIAL AFFECTING NORNIONS - ICE-IN FUEL IONS - FUEL STARVATION IONS - FUEL STARVATION IONS - IMPROPER FMEKGE R OPERATION OF FLIGHT ITE ENGINE FAILURE/FLA RCFD LANDING OFF AIRP		
3-0379	2/17/78 OHAKERTOWN.PA TIME - 0940	BEECH D95A N7790A DAMAGE-SURSTANTIAL	CR- 0 0 1 COMMERCIAL PX- 0 0 4 AIR 1AXI-PASSG	CUMMERCIAL, FL.INSTR., AGE 44. 13066 TOTAL HOURS, UNK/NR IN TYPE-
	NAME OF AIRPORT - QUAKERTOW DEPARTURE POINT QUAKERTOWN,PA TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH SNOWBANK	I INTENDED DESTINATION WHITE PLAINS,NY	PHASE OF UPERATION TAKEOFF RUN TAKEOFF RUN	INSIRUMENT RATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED FACTOR(S) AIRPORTS/AIRWAYS/FACJLITIE			
3-1430	5/23/78 FLEETVILLE,PA TIME - 1905	PIPER PA-31 N9057Y DAMAGE-DESTROYED	CR- 1 O O COMMERCIAL PX- O O O AIR (AXI-CARGO	AIRLINE TRANSPORT, AGE 60, 23000 TUTAL HUURS, UNKKAR IN TYPE, INSTRU- MENT KATED.
	NAME OF AIRPORT - ENDLESS MODEPARTURE POINT TETERBORN.NJ TYPE OF ACCIDENT COLLIDED WITH TREES	DUNTAIN INTENDED DESTINATION ROCHESTER,NY	PHASE OF UPERATION IN FLIGHT OTHER	MENT KRIED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - PHYSIC MISCELLANEOUS ACTS, CONDIT REMARKS- PILOT BLOOD ALCOHO	IONS - ALCOHOLIC IMPAI	RMENT OF EFFICIENCY AND JUDGMENT	

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILUT DATA				
3-0570	3/14/78 TIME - 1222	WEST COLUMBIA.SC	BEECH E185 N383B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	CUMMERCIAL AIR TAXI-CARGO	AIRLINE TRANSPORT, AGE 35, 6556 TUTAL HOURS, 1950 IN TYPE, INSTRUMENT RATED.				
	DEPARTURE PI CHARLOTTE TYPE OF ACC GROUND-WA	PORT - COLUMBIA M DINT •NC •IDENT TER LOOP-SWERVE WITH AIRPORT HAZ	INTENDED DESTINATION WEST COLUMBIA.SC .	PHASE OF OPERATION LANDING LEVEL OFF/TOUCHDOWN LANDING ROLL						
	FACTOR(S) WEATHER -	COMMAND - IMPROPE UNFAVORABLE WIND								
	AIRPORTS/	AIRWAYS/FACILITIE	S - AIRPORT FACILITIE:	S RINWAY LIGHT	I NG					
		AT ACCIDENT SITE		8000	AT ACCIDENT SITE TATION AT ACCIDENT SIT	re				
		(UNLIMITED) S TO VISION AT AC -F	CIDENT SITE	RELATIVE BEARING OF WIND  LEFT QUARTERING HEAD WIND 293-337 DEGREES  WIND DIRECTION-DEGREES  200						
	WIND VELOCIT 15 TYPE OF FLIC			TYPE OF WEATHER CONDITIONS  VFR  .						
		IFR REMARKS- EARTH EROSION AROUND RWY LIGHTS SUPPORTED BY CEMENT SLABS 3-4IN AGL. WIND GUSTS TO 28KTS.								
3-4121	12/5/78	UNI ON • SC	CESSNA 182	CR- 1 0 0	COMMERCIAL	CUMMERCIAL, AGE 50, 3907				
3 11.21	TIME - 0600	DW11314 3C	N7535N DAMAGE-DESTROYED		AIR TAXI-CARGU	TUTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.				
	NAME OF AIR DEPARTURE PO UNION.SC	PORT — UNION COUN DINT				TIPE, INSTRUMENT RATED.				
	TYPE OF ACC ENGINE FA		ION	TAKEO	F OPERATION FF INITIAL CLIMB FF INITIAL CLIMB	•				
	MISCELLANI FACTOR(S) TERRAIN -	COMMAND - INADEQU EOUS ACTS,CONDITI HIGH OBSTRUCTION			NNING					
	EMERGENCY C	IRCHMSTANCES - FO	TE ENGINE FAILURE/FLA RCED LANDING ON AIRPOH UND IN CARBURETOR BOW	RT/SEAPLANE BASE	E/HELIPT.					

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	IUR :	IES S r	1/ N	FOREIDSE.	ΡΤΕΟΤ ΠΔΤΔ
3-] 084	5/16/78 TIME - 144	NR.MFMPHIS.TN 45	RELL 47J-2A N1155W DAMAGE-SURSTANTIAL	CR− PX−	0	0	1 3	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 31, 2210 TUTAL HUURS, 1800 IN TYPE, MUT INSTRUMENT RATED.
	MEMPHIS.	TN CCIDENT FAILURE OR MALEUNC	INTENDED DESTINATION LOCAL TION		р	MA HAS IN	RK E n	ROUTE STOP TREE, AR H UPERATION IGHT NORMAL CRUISE NG POWER-UFF AUTORITAT	
	MISCELLAMISCELLAMISCELLAMISCELLAMISCELLAMISCELLACOMPLETE	N COMMAND - MISMAN ANEOUS ACTS.CONDIT ANFOUS ACTS.CONDIT ANT - POWERPLANT-I ANFOUS ACTS.CONDIT POWER LOSS - COMPL	IONS - MISCALCULATED FU IONS - FUFL EXHAUSTION NSTRUMENTS FUEL QUANTI	TY GAI IENUT-1	IGE E	NGI			
-1313	6/8/78 TIME - 05	NA SHVILLE • TN 28	DOUGLAS DC-3 N51D DAMAGE-SURSTANTIAL					CUMMERCIAL AIR TAXI-CARGO	ATP, FLIGHT INSTR., AGE 32, 4974 TUTAL HOURS, 1900 IN TYPE, INSTRUMENT RATED.
	DEPARTURE MEMPHIS TYPE OF AC	• TN	INTENDED DESTINATION NASHVILLE, TN		Ч	L	ND]	F OPERATION NG ROLL NG ROLL	
	PILOT I	- FAILED TO MAINT	AIN DIRECTIONAL CONTROL HATE SUPERVISION OF FLI L AFTER RWY DEPARTURE.						
-2029	8/9/78 TIME - 15	WESTMORELAND, TN	CFSSNA 182 N735RT DAMAGE-SUBSTANTIAL					CUMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, FL.INSTR., AGE 35, 1704 TUTAL HOURS, 3 IN TYPE, INSTRUMENT RATED.
	NASHVILI TYPE OF A	LE,TN CCIDENT FAILURE OR MALFUNC	INTENDED DESTINATION GOODALL•KY TION		Р	I١	FL	OF OPERATION IGHT NORMAL CRUISE NG LEVEL OFF/TOUCHDOWN	
	PILOT II COMPLETE I EMERGENCY	ANT - MISCELLANEDU N COMMAND - IMPROP POWER LOSS - COMPL	ETE ENGINE FAILURE/FLAM ORCED LANDING OFF AIRPO	IEDUT – I	. F.	NGI		D REASONS	

			INJURIES FLIGHT F S M/N PURPUSE	PILOT DATA					
3-0495	4/4/78 MR.GALVESTO	N,TX BELL 212 N140AL DAMAGE-DESTROYE	CR- 0 0 2 COMMERCIAL PX- 3 0 1 AIR TAXI-PASSG	ATP, FLIGHT INSTR., AGF 49. 15374 TUTAL HOURS, 1215 IN TYPE, INSTRUMENT RATED.					
	TYPE OF ACCIDENT UNDERSHOOT	OMAR JAVA SHIP INTENDED DESTINATION GALVESTON, TX  DUND/WATER CONTROLLED	TN  PHASE OF OPERATION  LANDING FINAL APPROACH  LANDING LEVEL OFF/TOUCHDOR	NN					
	PILOT IN COMMAND - FACTOR(S) COPILOT - SPATIAL TERRAIN - GLASSY W								
			THAN 200FT INDICATED ON ALT WHILE VST RE	EAD APPROX 1000FT/MIN.					
3-1.273	5/26/78 BROWNSVIL TIME - 1615	N5130J	CR- 0 0 1 COMMERCIAL PX- 0 0 4 AIR TAXI-PASSG IAL OT- 0 0 1	CUMMERCIAL, FL.INSTR AGE 57, 8544 TUTAL HUNRS. 208 IN TYPE, INSTRUMENT RATED.					
	NAME OF AIRPORT - BE DEPARTURE POINT BROWNSVILLE, TX TYPE OF ACCIDENT	ROWNSVILLE INTL INTENDED DESTINATIO LOCAL	ON PHASE OF UPERATION	, KAILU.					
		RCRAFT BOTH ON GROUND	TAXI TO TAKEOFF						
	PROBABLE CAUSE(S) PERSONNEL - MISCEL	PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT							
3-3203	9/19/78 SABINE PA	N90018	OC CR- 0 O 1 CUMMERCIAL PX- 0 O 1 AIR TAXI-PASSG IAL OT- 0 O 1	CUMMERCIAL, FL.INSTR., AGE 32, 7807 TUTAL HOURS, 40 IN TYPE, INSTRUMENT					
	DEPARTURE POINT SABINE PASS.TX TYPE OF ACCIDENT COLLIDED WITH FEN	INTENDEN DESTINATIO 180FT MOTOR VESSE ICE•FENCEPOSTS		RA (EU.					
	PILOT IN COMMAND - FACTOR(S) TERRAIN - ROUGH WA	PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE							

FILE	DATE	LOCATION	AIRCHAFT DATA	IN.	JUR I	IES S m/	N	FLIGHT PURPUSE		PILUT DATA
	11/12/78 TJME - 230	WICHITA FALLS.TX	CESSNA 421B N1588G DAMAGE-SUBSTANTIAL	CR- PX-						AIRLINE TRANSPURT, AGF 58, 15000 TUTAL HOURS. 310 IN TYPE. INSTRUMENT RATED.
	HOUSTON. TYPE OF A	DEPARTURE POINT INTENDED DESTINATION HOUSTON.TX PUEBLO.CO TYPE OF ACCIDENT FIRE OR EXPLOSION IN FLIGHT						- OPERATIUN GHT NORMAL CRU	ISE	
	MISCELLA FACTOR(S)	ANT - EXHAUST SYSTE ANERUS ACTS, CONDITI	EM STACKS IONS — MATERIAL FAILURE IONS — FIRE IN ENGINE	•						
3-3684	11/12/78 TIME - 07		BELL 2068 N49755 DAMAGE-DESTROYED	CR- PX-	1	0 0	ο υ	COMMERCIAL AIR TAXI-PASSG		CUMMERCIAL, AGE 33, 1810 Tulal Huurs, 155 In Type, NU I INSTRUMENT RATED.
	DEPARTURE SABINE I TYPE OF AC	PASS.TX	INTENDED DESTINATION GULF OF MEX,WC 576					· UPERATION [GH] UNCONTROLL	ED DESCENT	
	PILOT IN FACTOR(S) WEATHER MISCELLA	N COMMAND - CONTINU N COMMAND - SPATIAL - FOG	ONS - AIRCRAFT CAME TO					2NOITI(IN		
	1/4 MILE		CCIDENT SITE		P#	150 RECI NON	PI PI	AT ACCIDENT SIT IATIUN AT ACCIDE TURE-F		
	WIND DIREC	CTION-DEGREES EATHER CONDITIONS			W]	IND 3	ΩF	FLIGHT PLAN		

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FILE	DATE		AIRCRAFT DATA	F	SM	14		ριιοη πατα	
3-3988	11/13/78 TIME - 0239	LUBBOCK.TX	CESSNA 310J	CK-	1 0	0	CUMMERCIAL AIR TAXI-CARGO		
		≀РОКТ — ЦИВВОСК I	NTL						
	DEPARTURE D		INTEMDED DESTINATION						
	DALLAS.TX		LUBBOCK • TX			r	5 0010 TTIN		
	TYPE OF ACC	1 MITH GRUUND/WAT	ES CONTROLLED				F OPERATIUN NG - FINAL APPROACH		
	CHELSIII		LA	10171	NG FINAL APPROACH				
	PROBABLE CA	MISE (S)							
	BITUL IN CUMMAND - IMBRUBER IER UBEKATION								
	FACTUR(S)	7							
		- rum ceirine							
	MEATHER -								
			BY FLIGHT SERVICE PERS SLIGHTLY WORSE THAN FO		BY PH	() ME			
	ALTINES 1109	CC031 - WCATHER	SCIGNICI MONSE THAN IN	VECHOL					
	SKÝ CONDITI	เปลา			CEIL	ING	AT ACCIDENT SITE		
	OBSCURAT	IUΝ			30	0			
		AT ACCIDENT SITE			PREC	I۲I	TATION AT ACCIDENT SITE	•• ••	
	1/4 MILE					ΝĖ			
		NS TO VISION AT A	CCIDENT SITE			_	TURE-F		
	FUG	TION DECREES			59		LUCITY KANITE		
	210	TION-DEGREES			11		LUCITY-KNIITS		
		THER CONDITIONS					ELIGHT PLAN		
	TER OF ME	*1000 Origin Filling			IF		TOTAL TOAM		
		the state of the s	ACET WAS 1/2 MILE E DE				A Committee of the Comm		

FILE	DATF	LUCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPUSE	ΡΊΙΟΙ ΠΔΤΔ		
3-3937	11/20/78 TIME - 200	BROWNSVILLE, TX	REECH H18 N204CC DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	COMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, FL.INSTR., AGE 27, 3550 TOTAL HOURS, 258 IN TYPE, INSTRUMENT RATED.		
	DEPARTURE BROWNSVI TYPE DE AC		NTENDED DESTINÁTION SPRINGFIELD, MO		NE OPERATION LIGHT UNCONTRULLED DESC	CEN T		
	FACTOR(S)	NEOUS - UNDETERMINE - LOW CEILING	ח־					
	WEATHER BR	IEFING - BRIEFFO BY	Y FLIGHT SERVICE PERSO SUBSTANTIALLY CORRECT	INNEL⁺ RA bHUM	Ł			
	SKY CONDIT			CEILIN	G AT ACCIDENT SITE			
	VISIBILITY 1 MILE O	AT ACCIDENT SITE	IDENT SITE	PRECIP NONE	I TATION AT ACCIDENT SIT	É		
	FNG	TION-DEGREES	7.1.75m. (1)	61	ELUCITY-KNOTS			
	TYPE (IF WE	ATHER CONDITIONS			FLIGHT PLAN			
	FIRE AFTER REMARKS- W		MI FROM DEPARTURE ARPI	r <b>.</b>				
3-3683	11/30/78 TIME - 195	EAGLE PASS.TX	AEROSTAR 601P N90674 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 33, 2200 TOTAL HUURS, 157 IN TYPF, INSTRUMENT RATED.		
	NAME OF AI DEPARTURE WACO,TX	RPORT - EAGLE PASS POINT						
	TYPE OF AC	CIDENT ATER LOOP-SWERVE	CHILE PASSIIN	LANI)	OF OPERATION ING ROLL ING ROLL			
	PROBABLE CAUSE(S)  AIRERAME - LANDING GEAR BRAKING SYSTEM (NORMAL SYSTEM)  MISCELLANEOUS ACTS, CONDITIONS - DISCONNECTED  MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE							
	AIRPORTS	/AJRWAYS/FACIL IT IES	ONS — RAN OFF END OF R S — AIRPORT FACILITIES SCREWED FROM BRAKE PEO	RUNWAY LIGH	TING DET OF RWY HAD LIGHTS.			

	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILUI DATA			
3-3859	12/1/78 NR.PORT OCHNNER.TX TIME - 1818							
	DEPARTURE POINT	INTENDED DESTINATION			The state of the s			
		PORT OCHNNER.TX						
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATE	R CONTROLLED		E OPERATION IGHT NORMAL CRUISE				
	PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINU	JED VER ELIGHT INTO ADV	VERSE WEATHER C	ONDITIONS				
	FACTOR(S)							
	MEATHER - FOR CEILING	er of the second of the secon						
	TERRAIN - ROUGH/UNEVEN MISCELLANEOUS ACTS.CONDIT:							
	WEATHER BRIFFING - OTHER							
	WEATHER FORECAST - FORECAST							
	BRUKEN SKA CUNDILIUM			Al ACCIDENT SITE WN/NOT REPORTED				
	VISIBILITY AT ACCIDENT SITE			TATION AT ACCIDENT SITE				
	UNKNOWN/NOT REPORTED			WN/NOT REPORTED				
	OBSTRUCTIONS TO VISION AT AC	CIDENT SITE	135	RECTIUN-DEGREES				
	WIND VELOCITY-KNOTS 7		TYPE OF	WEATHER CONDITIONS				
	TYPE OF FLIGHT PLAN NONE							
	REMARKS- LOW FLT DURING RESTRICTED VIS.WX BRIEF BY OTHER PLT.IMPACTED SAND DUMF.							
					•			
3-1550	5/9/78 NR.WESTWATER.UT TIME - 1100		PX- 0 0 2	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 35, 6006 101AL HOURS, 2060 IN TYPE, NUT INSTRUMENT RATED.			
	DEPARTURE POINT WELL SITE SEGUNDO 2				KATED.			
	TYPE OF ACCIDENT ENGINE FAILURE OR MALEUNC HARD LANDING		IN FL	F OPERATION IGHT DESCENDING NG PUWER-OFF AUTOROTATI	VE LANDING			
	PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS			D REASONS				
	COMPLETE POWER LOSS - COMPLE EMERGENCY CIRCUMSTANCES - FO							

		ON AIRCRAFT DATA	INJURIES FLIGHT F S M/N PURPUSE	PTLUI DATA
	8/14/78 MR.SALIMA.UT TIME - 1300	CESSNA 206	CR- 0 1 0 CUMMERCIAL PX- 0 0 0 AIR TAXI-CARGO	
	DEPARTURE POINT RLANDING.UT TYPE OF ACCIDENT FIRE OR EXPLOSION COLLISION WITH GROW	1		
	MISCELLANEOUS ACTS+0		DCKPIT-BAGGAGE COMPARIMENT	
3-4206	AMOCO OIL PLATFORM TYPE OF ACCIDENT	AEROSPATIAL SAB16B N8622 DAMAGE-DESTROYED INTENDED DESTINATION AMOON SHORE BASE	CR- 0 0 1 COMMERCIAL PX- 0 2 3 AIR TAXI-PASSG  PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	CUMMERCIAL, AGE 31, 4607 TUTAL HUURS, 708 IN TYPE, NUT INSTRUMENT KATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - P MISCELLANEOUS ACTS. FACTOR(S) MISCELLANEOUS ACTS. TERRAIN - GLASSY WAR			

FILE	DATE	FOCATION		I N J	S	M/	N		PILUI DATA	
3-0446	3/4/78 TIME - 113	NORFOLK,VA 3		CK -	0	0	1	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, FL.INSTR.,	
	DEPARTURE NORFOLK, TYPE OF AC	VA CIDENT	NTL INTENDED DESTINATION MYRTLE REACH+SC				-	F OPERATION NG LEVEL OFF/TOUCHDOWN		
	PILOT IN PILOT IN MISCELLA FACTOR(S) SYSTEMS MISCELLA MISCELLA MISCELLA EMERGENCY	WHEELS-UP  LANDING LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S)  PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.  PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED  MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES  FACTOR(S)  SYSTEMS - ELECTRICAL SYSTEM RELAYS AND WIRING  MISCELLANEOUS ACTS, CONDITIONS - ARCING  MISCELLANEOUS ACTS, CONDITIONS - OVERHEATED  MISCELLANEOUS ACTS, CONDITIONS - ELECTRICAL FAILURE  EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT  SUSPECTED MECHANICAL DISCREPANCY  REMARKS- RT ENG STARTER RELAY CONTACT POINTS FUSED TOGETHER.								
3-2619	TIME - 144	RPORT - WOODRUM POINT	CESSNA 172 N79031 DAMAGE-MINOR INTENDED DESTINATION WHITE SULPHUR SPR.V	PX- OT-	0	0	0	COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 34, 5247 TUTAL HUURS, 1178 IN TYPE, INSTRUMENT RATED.	
	TYPE OF AC	CIDENT N WITH AIRCRAFT :	BOTH ON GROUND					F OPERATION TO TAKEOFF	,	
	PILOT IN	PROBABLE CAUSE(S)  PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT  PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.  REMARKS- PLT PERFORMING FINAL CHECK BER DEPT WHILE TAXIING.								

FILE	DATE	FUCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPUSE	PILUI DATA
3-3077	9/16/78 TIME - 09 NAME DE A DEPARTURE MANASSA TYPE DE A	WILLIAMSBURG,VA 320 MIRPORT - WILLIAMSBU POINT SS,VA MICCIDENT	CESSNA 182RG N3353C DAMAGE-SUBSTANTIAL IRG-JTWN INTENDED DESTINATION WILLIAMSBURG.VA	PHASE (1 LANDI	COMMERCIAL AIR TAXI-PASSG  F UPERATION NG LEVEL UFF/TOUCHOUW NG RULL	CUMMERCIAL, AGE 23, 360 TUTAL HUURS, 36 IN TYPF, INSTRUMENT KATED.
	PILOT I FACTOR(S) WEATHER MISCELL MISCELL	IN COMMAND - IMPROPI N COMMAND - MISJUD( ) R - FOG LANEOUS ACTS, CONDIT	ER IN-FLIGHT DECISIONS SED DISTANCE AND SPEED  JONS - RAN DEF END DE LONS - OVERLOAD FAILUR DISPATCH	RUNWAY		
	5 OR OV OBSTRUCT! FOG WIND VELC 12 TYPE OF F	TY AT ACCIDENT SITE VER(UNLIMITED) IONS TO VISION AT AC OCITY-KNOTS	CCIDENT SITE	1200 PRECIPI DRIZZ WIND DI 50 TYPE OF VFR	AT ACCIDENT SITE  RAINN AT ACCIDENT SIT  LE, RAIN SHOWERS  RECTION—DEGREES  WEATHER CONDITIONS  OR FOG PATCHES NEAR A/	
3-4072	]0/12/78 TIME - 23	WHITE GATE,VA	PIPER PA-32R N9797C DAMAGE-DESTROYFO		COMMERCIAL AIR TAXI-CARGU	CUMMERCIAL, FL.INSTR., AGE 25, 2468 TUTAL HOURS, 200 IN 1YPE, INSTRUMENT RAIEU.
	NWNSSN• TYPE NF 4 ENGINE		INTENDED DESTINATION FAYETTFVILLE,NC	TOLED PHASE O IN FL		
	TERRAIM FACTOR(S) POWERPL MISCELL PERSONM MISCELL COMPLETE MISSING A EMERGENCY	ANT - MISCFLLANEOUS N - HIGH ORSTRUCTION LANT - IGNITION SYS ANFOUS ACTS.CONDIT NEL - MAINTFNANCE.S AMERIUS ACTS.CONDIT POWER LOSS - CUMPL AIRCRAFT - LATER REC Y CIRCUMSTANCES - F	NTENANCE PERSONNEL) LOUSE HELICAL SPGS.			

	DATE LOCATION	AIRCRAFT DATA	F	S M/N	PURPOSE	PILUI DATA				
	11/18/78 SOUTH BOSTON.V TIME - 1740		CR- 0	0 1		CUMMERCIAL, AGE 38, 6000 TUTAL HUURS, 5000 IN TYPE, INSTRUMENT RATED.				
	NAME OF AIRPORT - WILLIAM	M TUCK								
	DEPARTURE POINT WINSTON-SALEMANC	INTENDED DESTINATION								
	TYPE OF ACCIDENT	KICHMIND • V A	ų	HASE C	F OPERATION					
	ENGINE FAILURE OR MALFUNCTION				IGHT NORMAL CRUISE					
	COLLIDED WITH TREES									
	PROBABLE CAUSE(S)	PROBABLE CAUSE(S)								
		ITIONS - INATTENTIVE TO DESCRIPTIONS - FUEL STARVATION FORCED LANDING OFF AIRPORTED	ORT ON LA	ND.	ATHER THAN RESTARTING E	ing .				
3-0260	2/8/78 QUILLAYUTE,WA TIME - 0930	N87977			COMMERCIAL AIR TAXI-CARGO	TOTAL HOURS, 75 IN TYPE,				
J <b>-</b> 0260	TIME - 0930	N87977 DAMAGE-DESTROYED								
i <del>-</del> 0260	TIME - 0930  NAME OF AIRPORT - QUILLAY	N87977 DAMAGE-DESTROYED UTE				TOTAL HOURS, 75 IN TYPE,				
J <b>-</b> 0260	TIME - 0930  NAME OF AIRPORT - QUILLAY DEPARTURE POINT	N87977 DAMAGE-DESTROYED UTE INTENDED DESTINATION				TOTAL HOURS, 75 IN TYPE,				
3-0260	TIME - 0930  NAME OF AIRPORT - QUILLAY	N87977 DAMAGE-DESTROYED UTE	PX- 0	0 0		TOTAL HOURS, 75 IN TYPE,				
-0260	TIME - 0930  NAME OF AIRPORT - QUILLAY  DEPARTURE POINT  QUILLAYUTE, WA	N87977 DAMAGE-DESTROYED UTE INTENDED DESTINATION	PX- 0	O O	AIR TAXI-CARGO	TOTAL HOURS, 75 IN TYPE,				
3-0260	TIME - 0930  NAME OF AIRPORT - QUILLAY DEPARTURE POINT QUILLAYUTE, WA TYPE OF ACCIDENT COLLIDED WITH OBJECT  PROBABLE CAUSE(S)	N87977 DAMAGE-DESTROYED UTE INTENDED DESTINATION	PX- 0	O O HASE ( IN FL	AIR TAXI-CARGO  OF OPERATION	TOTAL HOURS, 75 IN TYPE,				
3-0260	TIME - 0930  NAME OF AIRPORT - QUILLAY DEPARTURE POINT QUILLAYUTE.WA TYPE OF ACCIDENT COLLIDED WITH OBJECT  PROBABLE CAUSE(S) PILOT IN COMMAND - FAIL FACTOR(S)	NRT977  DAMAGE-DESTROYED  HTE  INTENDED DESTINATION  LOCAL  ED TO MAINTAIN DIRECTION	PX- 0 P AL CONTRO	O O HASE ( IN FL	AIR TAXI-CARGO  OF OPERATION	TOTAL HOURS, 75 IN TYPE,				
3-0260	TIME - 0930  NAME OF AIRPORT - QUILLAY DEPARTURE POINT QUILLAYUTE.WA TYPE OF ACCIDENT COLLIDED WITH OBJECT  PROBABLE CAUSE(S) PILOT IN COMMAND - FAIL FACTOR(S)	NBT977 DAMAGE-DESTROYED  HTE INTENDED DESTINATION LOCAL  ED TO MAINTAIN DIRECTION MATERIAL AFFECTING NORM	PX- 0 P AL CONTRO	O O HASE ( IN FL	AIR TAXI-CARGO  OF OPERATION	TOTAL HOURS, 75 IN TYPE,				

FILE	DATE	LOCATION	AIRCRAFT DATA	INJUR	IES	FLIGHT	ΡΙΙ()] ΝΔΤΔ
3-2080	7/11/78 NLGA.WA TIME - 0815		CESSNA 207 N91041 DAMAGE-DESTROYED	CK- 0	0 1 0 0	CUMMERCIAL AIR TAXI-CARGO	CUMMERCIAL, FL.INSTR., AGE 23, 1094 TUTAL HUNRS, 93 IN TYPE, INSTRUMENT RAIEU.
	DEPARTURE POINT INTENDED DESTINATION ANACORTES, WA EAST SOUND, WA TYPE OF ACCIDENT COLLIDED WITH TREES					OF OPERATION LIGHT NORMAL CRUISE	KATEU.
	PILOT II FACTOR(S) WEATHER WEATHER TERRAIN WEATHER B	N COMMAND - IMPRO N COMMAND - CONTI  - LOW CFILING - FOG - HIGH OBSTRUCTI	RD OF BRIEFING RECEIVED	VERSE WEA		COMDITIUNS	
	SKY CONDITION BROKEN VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOR TYPE OF WEATHER CONDITIONS IFR			F	800 RECIP NONE EMPER 60	ATURE-F F FLIGHT PLAN	
3-2434	7/14/78 TIME - 14	NR.CLEARLAKE,WA 29	HILLER FH1100 N99024 DAMAGE-DESTROYED	CR- 1 PX- 0	0 0 1 2	COMMERCIAL AIR .TAXI-PASSG	CUMMERCIAL, AGE 53, 11500 10 FAL HOURS, UNK/NR IN 19PE, NOT INSTRUMENT RAFED.
	DEPARTURE POINT INTENDED DESTINATION CLEARLAKE, WA LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH TREES				IN F	OF OPERATION LIGHT NORMAL CRUISE ING FINAL APPROACH	KAILO.
	PILOT I MISCELL FACTOR(S) MISCELL TERRAIN COMPLETE	CAUSF(S) N COMMAND - INADE N COMMAND - MISMA ANEOUS ACTS.CONDI - HIGH OBSTRUCTI POWER LOSS - COMP CIRCUMSTANCES -					

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/I	FLIGHT N PURP(ISE	PILUI DATA					
3-2641	8/7/78 TIME - 16 DEPARTURE CEDAR V	NR.SNOOUALMIE FLS.WA 530 F POINT IN VALLEY.WA	BELL 47G3B1 N1182W DAMAGE-DESTROYED TENDED DESTINATION LOCAL	CR- 0 0 2	I C(IMMERCIAL 2 AIR TAXI-PASSG	CHMMERCIAL, AGE 32, 1388 TOTAL HOURS, 47 IN TYPE, NOT INSTRUMENT RATED.					
	TYPE OF A	TON MITH GROUND\MATER	CONTROLLED	PHASE LANI	OF OPERATION DING GO-AROUND						
	PILOT 1 PILOT 1 FACTOR(S) TERRAIN MISSING A FIRE AFTE	PROBABLE CAUSE(S)  PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND  PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. FACTOR(S)  TERRAIN - ROUGH/UNEVEN MISSING AIRCRAFT - LATER RECOVERED FIRE AFTER IMPACT REMARKS- FXTREME UPSLOPE.RECOVERY DATE 8-9-78									
3-3185		BELLINGHAM.WA 945	PIPER PA-28 N47226 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0	L CUMMERCIAL 1 AIR TAXI-PASSG	CUMMERCIAL, FL.INSTR., AGE 21, 952 TUTAL HUURS, 150 IN TYPE, INSTRUMENT RATED.					
	NAME OF A	MIRPORT - BELLINGHAM I F POINT IN	NTL TENDED DESTINATION	•							
	ENCINE	F POINT IN RG, OR ACCIDENT FAILURE OR MALFUNCTIO FD WITH TREES	N HFFINGHAM•WA	. LANI	OF UPERATION DING INITIAL APPROACH DING LEVEL OFF/TOUCHD	) DOWN					
	PROBABLE CAUSE(S)  PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS  MISCELLANEOUS ACTS, CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE  MISCELLANEOUS ACTS, CONDITIONS - ICE-CARBURETOR FACTOR(S)  WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG WEATHER - FOG WEATHER - CONDITIONS CONDUCIVE TO CARB, /INDUCTION SYSTEM ICING PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER RIFEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER CONSIDERABLY WORSE THAN FORECAST EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND										
	SKY CONDI	T -		CEILING AT ACCIDENT SITE 200 PRECIPITATION AT ACCIDENT SITE							
	VISIBILITY AT ACCIDENT SITE 1/2 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE			PRECIA RAIN TEMPLA	IIIE						
	FOG	ECTION-DEGREES		47 WIND 1	VELOCITY-KNOTS						
	TYPE OF V	CARB HEAT NOT USED.			DF FLIGHT PLAN						

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILUI DATA
			CR- 0 1 0 C		CUMMERCIAL, FL.INSTR., AGE 22, 764 IUTAL HOURS, 39 IN 19PE, INSTRUMENT RAIFU.
		DER-ONEIDA INTENDED DESTINATION RHINELANDER,⊎I	LAST ENRI GREEN F PHASE OF	NUTE STOP	
	WEATHER - LOW CEILING WEATHER - TURBULENCE, WEATHER BRIEFING - BRIEF	ROPER IER OPERATION  TIATED FLIGHT IN ADVERSE W  ASSOCIATED W/CLOUDS AND/OR  ED BY FLIGHT SERVICE PERSO  AST SUBSTANTIALLY CORRECT	R THUNDERSTORMS	ıs	
	SKY CONDITION BROKEN VISIBILITY AT ACCIDENT S 2 MILES OR LESS ORSTRUCTIONS TO VISION A NONE TYPE OF FLIGHT PLAN IFR		500 PRECIPITA DRIZZE	AL ACCIDENT SITE THUN AT ACCIDENT SITE REATHER CONDITIONS	
3-2689		BELL 206R N4066G DAMAGE-SURSTANTIAL	PX- 0 0 0 A	CUMMERCIAL IR TAXI-PASSG	CUMMERCIAL, AGE 30, 2190 TUTAL HUURS, 370 IN TYPE, INSTRUMEN1 KATED.
	TYPE OF ACCIDENT ENGINE FAILURE OR MALF ROLL OVER	UNCTION		OPERATION GHT NORMAL CRUISE GHT AUTOROTATIVE DESC	ENI
	PROBABLE CAUSE(S) PILOT IN COMMAND - INA PILOT IN COMMAND - MIS MISCELLANEOUS ACTS.CON COMPLETE POWER LOSS - CO EMERGENCY CIRCUMSTANCES				

	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILMI ĐẠTA				
3-4419	7/30/78 RIVER TIME - 1000	RTON, WY	CESSNA 340 N1381G DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 2 0	CUMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 36, 2997 TUTAL HUURS, 345 IN TYPE, INSTRUMENT RATED.				
	RIVERTON.WY TYPE OF ACCIDENT	I F OR MALFUNCTI	NI NTENDED DESTINATION EVANSTON, WY	TAKEN	OPERATION F INITIAL CLIMB G FINAL APPROACH					
	POWERPLANT - 1	PROBABLE CAUSE(S)  POWERPLANT - MISCELLANEOUS POWERPLANT FAILURE FOR UNDETERMINED REASONS  MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION								
	PERSONNEL - MA POWERPLANT - I MISCELLANEOUS MISCELLANEOUS WEATHER - HIGH PARTIAL POWER LO	PERSONNEL - MAINTENANCE, SERVICING, INSPECTION IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)  POWERPLANT - FUEL SYSTEM FUEL INJECTION SYSTEM  MISCELLANEOUS ACTS, CONDITIONS - EXCESSIVE PRESSURE  MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL WHEELS-UP  WEATHER - HIGH DENSITY ALTITUDE  PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 2 ENGINES  EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND								
	SKY CONDITION CLEAR			CEILING UNLIMI	AT ACCIDENT SITE					
	VISIBILITY AT ACCIDENT SITE 5 OR OVER(UNLIMITED) DRSTRUCTIONS TO VISION AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE  NONE  TYPE OF WEATHER CONDITIONS  VER						
	NONE TYPE OF FLIGHT F VFR FIRE AFTER IMPAG			VFK						
	REMARKS- REVERSED COURSE IMMEDIATELY AFTR TKOF.									
3-4330	8/25/78 NR.LARI TIME - UNK/NR		GRUMMAN G-21A N1045 DAMAGE-DESTROYED		COMMERCIAL AIR TAXI-PASSG	CUMMERCIAL, AGE 40, 5727 TUTAL HUURS, 684 IN TYPF, NUT INSTRUMENT RATED.				
	DEPARTURE POINT LAROUCHER BAY TYPE OF ACCIDENT UNDETERMINED	• Δ K	NTENDED DESTINATION KETCHIKAN,AK		OPERATION					
	PROBABLE CAUSE(S	- UNDETERMINE	n DEX PRESUMED•E∩UR BO		3.7.6.					

			INJURIES FLIGHT F S M/N PURPOSE	ΡΙΙΟΊ ΘΑΤΔ
			CR- 1 0 0 COMMERCIAL PX- 2 0 0 AIR TAXI-PASSG	CUMMERCIAL, FL.INSTR., AGE 26. 2200 IUTAL HUURS. 90 IN 19PE, INSTRUMENT RAIEU.
			PHASE OF OPERATION UNKNOWN/NOT REPORTED	NATED.
	PROBABLE CAUSE(S) MISCELLANEOUS - UNDF REMARKS- INJURY INDEX			
3-4127	9/21/78 MISSING AIR TIME - UNK/NR	CRAFT DOUGLAS DC-3 N407D DAMAGE-DESTROYED	CR- 4 0 0 COMMERCIAL PX- 0 0 0 AIR TAXI-PASSG	AIRLINE IRANSPURT, AGF 54. 15227 TUTAL HOURS. 3000 IN TYPE, INSTRUMENT RATED.
	DEPARTURE POINT FT LAUDERDALE,FL TYPE OF ACCIDENT MISSING AIRCRAFT,NOT		PHASE OF OPERATION IN FLIGHT NORMAL CRUISE	
	PROBABLE CAUSE(S) MISCELLAMEOUS - UNDE REMARKS- AIRCRAFT DAMA			
3-4309	11/21/78 MISSING AIR TIME - UNK/NR	CRAFT PIPER PA-32 N4284R DAMAGE-DESTROYED	CR- 1 0 0 CUMMERCIAL PX- 0 0 0 AIR TAXI-CARGO	CUMMERCIAL, FL.INSTR., AGE 47, 24673 TOTAL HUURS. 338 IN 1YPE. INSTRUMENT RATED.
	DEPARTURE POINT OLD HARBOR,AK TYPE OF ACCIDENT MISSING AIRCRAFT,NOT	INTENDED DESTINATION KODIAK, AK	PHASE OF UPERATION UNKNOWN/NOT REPORTED	INZIKOMENI KATEN.
	PROBABLE CAUSE(S) MISCELLANEOUS - UNDEREMARKS- ACET DMG & IN.			

			BRIEF	S OF A	CC	IDE	NTS		_	
FILE	DATE	LOCATION	AIRCRAFT DATA				S M/N		PILOT DATA	
3-2965	9/26/78 TIME - 18	SAN JUAN,PR 45	BEECH D18S N5 OOL DAMAGE-DESTROYED	CR- PX- DT-	5	0	0		CUMMERCIAL, FL.INSTR., AGE 50, 4365 TOTAL HOURS, 46 IN TYPE, INSTRUMENT RATED.	
	NAME OF AIRPORT - SAN JUAN INTL									
	DEPARTURE BORINGU		INTENDED DESTINATION SAN JUAN•PR							
	TYPE OF A	CCIDENT			F	PHA:	SE (	OF OPERATION		
	TURBULE	NCE				L	AND I	ING FINAL APPROACH		
	COLLISI	ON WITH GROUND/WAT	TER UNCONTROLLED			I	N FI	LIGHT UNCONTROLLED DESCENT		
	PROBABLE	CAUSE(S)						•		
		PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. MISCELLANEOUS - VORTEX TURBULENCE								
	FACTOR(S) INSTRUM		ACCESSORIES - COMMUNI	CATION	15 /	AND	NA V	VIGATION FOUTPMENT TRANSMI	TTERS AND/OR RECEIVERS	
	FIRE AFTE	R IMPACT								
	REMARKS-	UNABLE TO COMMUNIC	CATE ON TERMINAL RADAR	SERVIC	E A	ARE	A FF	REQUENCY.	•	



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