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**BRIEFS OF ACCIDENTS  
INVOLVING  
CORPORATE/EXECUTIVE AIRCRAFT  
U.S. GENERAL AVIATION  
1973**



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16. Abstract  This publication contains reports of U. S. general aviation corporate/executive aircraft accidents occurring in 1973. Included are 94 accident Briefs, 24 of which involve fatal accidents. The brief format presents the facts, conditions, circumstances and probable cause(s) for each accident. Additional statistical information is tabulated by type of accident, phase of operation, injuries and causal/factor(s). This publication will be published annually.			
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## FOREWORD

This report contains U.S. General Aviation corporate/executive accident Briefs arranged in state and date order. In addition, this publication includes several statistical tables which tabulate and summarize selected accident information, such as type of accident, phase of operation, injuries, cause/factors and pilot certificates.

In 1973, U.S. General Aviation corporate/executive aircraft flew 3,399,600 hours and were involved in 94 accidents of which 24 were fatal, resulting in total and fatal accident rates per 100,000 hours of 2.76 and 0.7, respectively. In comparison, the entire General Aviation fleet incurred 4,255 total accidents and 723 fatal accidents while flying 30,048,000 hours, giving it total and fatal accident rates per 100,000 hours of 14.2 and 2.40, respectively.

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

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

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

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## EXPLANATORY NOTES

### Type of Accident:

The type of accident relates to the circumstances involved in the accident. Briefly, it indicates what happened.

### Phase of Operation:

The phase of operation relates to the particular segment of the flight or operation during which the circumstances of the accident occur. In other words, where in the flight the circumstances took place.

### First and Second Type of Accident:

Two separate types may be coded in any one accident. The selection of first and second type is made in relation to the sequence of occurrence.

In those occurrences wherein more than two types or circumstances are involved, the selection of types is made considering the circumstances which may be of the greatest value from the standpoint of safety study. In such cases the two types selected are coded as first and second according to sequence of occurrence.

A secondary type is not normally used when the occurrence is the inevitable result of a prior occurrence resulting in the loss of control. Generally this pertains to collisions with ground or objects.

### First and Second Phase of Operation:

The phase of operation is directly related to the type of accident. When more than one type is coded for an accident, each type will have a corresponding phase. In other words, the first phase of operation will be that phase of flight in which the first type or circumstance occurred. In the event that the first and second type both occur in one operational phase, the same phase is coded twice.

### Cause and Related Factors:

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

# LIST OF ABBREVIATIONS USED IN BRIEFS

ABBREVIATION	MEANING
AERIAL ADVERTISE	AERIAL ADVERTISING
ATR, FLIGHT INSTR.	AIRLINE TRANSPORT INSTRUCTOR
AIR SHOW/RACING	AIR SHOW/AIR RACING
AIR TAXI-CARGO	AIR TAXI-CARGO OPERATIONS
AIR TAXI-PASSG	AIR TAXI-PASSENGER OPERATIONS
APPROACH CTL-DEPARTURE	APPROACH CONTROL-DEPARTURE
APR CTL-TOW ENRT CTL SRV	APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE
ASSOC CROP CTL ACTIVITIES	ASSOCIATED CROP CONTROL ACTIVITIES
ASSOC FIRE CTL ACTIVITIES	ASSOCIATED FIRE CONTROL ACTIVITIES
COMMERCIAL, FLIGHT INSTR.	COMMERCIAL FLIGHT INSTRUCTOR
CORP/EXEC	CORPORATION/EXECUTIVE
CR-	CREW
CTR CARGO-D	CONTRACT/CHARTER-CARGO-DOMESTIC
CTR CARGO-I	CONTRACT/CHARTER-CARGO-INTERNATIONAL
CTR PASSG-D	CONTRACT/CHARTER-PASSENGER-DOMESTIC
CTR PASSG-I	CONTRACT/CHARTER-PASSENGER-INTERNATIONAL
LAST ENROUTE STOP	LAST PLANNED EN ROUTE LANDING POINT
MAPPING/PHOTO	AERIAL MAPPING/PHOTOGRAPHY
MIL CONTRACT CARGO INTL	MILITARY CONTRACT-CARGO-INTERNATIONAL
MIL CONTRACT PASSG INTL	MILITARY CONTRACT-PASSENGER-INTERNATIONAL
MILITARY CTR CARGO DOM	MILITARY CONTRACT-CARGO-DOMESTIC
MILITARY CTR PASSG DOM	MILITARY CONTRACT-PASSENGER-DOMESTIC
MIL/CTR CARGO	MILITARY CONTRACT-CARGO
MIL/CTR PASSG	MILITARY CONTRACT-PASSENGER
NR.	NEAR
NS CTR CARGO	NONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE
NS CTR PASSG	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE
NS/CTR REVENUE CARGO DOM	NONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC
NS/CTR REVENUE CARGO INTL	NONSCHEDULED/CHARTER REVENUE CARGO-INTERNATIONAL
NS/CTR REVENUE PASSG DOM	NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC
NS/CTR REVENUE PASSG INTL	NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL
OT-	OTHER AIRCRAFT AND GROUND
PARAJUMP	PARACHUTE JUMP
PRIVATE, FL. INSTR.	PRIVATE FLIGHT INSTRUCTOR
PX-	PASSENGERS
RADAR CTL/SURVEILLANCE	RADAR CONTROL/SURVEILLANCE
SCHED CARGO SRV	SCHEDULED CARGO SERVICE
SCHED DOM CARGO SRV	SCHEDULED DOMESTIC CARGO SERVICE
SCHED DOM PASSG SRV	SCHEDULED DOMESTIC PASSENGER SERVICE
SCHED INTERNATL CARGO SRV	SCHEDULED INTERNATIONAL CARGO SERVICE
SCHED INTERNATL PASSG SRV	SCHEDULED INTERNATIONAL PASSENGER SERVICE
SCHED PASSG SRV	SCHEDULED PASSENGER SERVICE
S-D	SCHEDULED-DOMESTIC
S-I	SCHEDULED-INTERNATIONAL
UNK/NR	UNKNOWN/NOT REPORTED

INJURIES, ACCIDENTS  
CORPORATE/EXECUTIVE FLYING  
U. S. GENERAL AVIATION

1973

		INJURIES						
		FATAL	SERIOUS	MINOR	NONE	UNKNOWN	TOTAL	
PILOT		23	1	5	65		94	
COPILOT		5		1	16		22	
DUAL STUDENT								
CHECK PILOT								
FLIGHT ENGINEER					1		1	
NAVIGATOR								
CABIN ATTENDANT				2	1		3	
EXTRA CREW				14	120		170	
PASSENGERS		34	2					
TOTAL		62	3	22	203			
						ABOARD	290	
* OTHER AIRCRAFT					1		1	
OTHER GROUND			2	1			3	
GRAND TOTAL		62	5	23	204		294	
INVOLVES	94	TOTAL ACCIDENTS						
INVOLVES	24	FATAL ACCIDENTS						

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



## ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY PILOT CERTIFICATE

FIRST TYPE OF ACCIDENT	PILOT CERTIFICATE								RECORDS	ACCIDENTS
	STUDENT	PRIVATE	COMMERCIAL	ATR	PRIVATE/FL INSTR.	COMMERCIAL/FL INSTR.	ATR/FL INSTR.	OTHER		
GROUND-WATER LOOP-SWERVE			7	4	4				15	15
DRAINED WINGTIP POD OR FLOAT										
WHEELS-UP LANDING			4	1	2				7	7
WHEELS-DOWN LANDING IN WATER										
GEAR COLLAPSED			3	2	2				7	7
GEAR RETRACTED			2	3		1			6	6
HARD LANDING			2	5	1				8	8
NOSF OVER/DOWN				1	1				2	2
ROLL OVER										
OVERSHOOT			2	1	1				4	4
UNDERSHOOT						1			1	1
<u>COLLISION BETWEEN AIRCRAFT</u>										
BOTH IN FLIGHT			1						1	1
ONE AIRBORNE										
BOTH ON GROUND										
<u>COLLISION WITH GROUND/WATER</u>										
CONTROLLED			3		2				5	5
UNCONTROLLED	1			3	2				6	6
<u>COLLIDED WITH</u>										
WIRFS/POLES										
TREES			1		1	3			7	7
RESIDENCE/S										
BUILDING/S				1					1	1
FENCE, FENCEPOSTS										
ELECTRONIC TOWERS										
RUNWAY OR APPROACH LIGHTS										
AIRPORT HAZARD										
ANIMALS										
CROP										
FLAGMAN LOADER										
DITCHES			1						1	1
SNOWBANK										
PARKED AIRCRAFT										
AUTOMOBILE										
DIRT BANK										

# FIRST TYPE OF ACCIDENT BY PILOT CERTIFICATE

FIRST TYPE OF ACCIDENT	STUDENT	PRIVATE	COMMERCIAL	ATR	PRIVATE/ FL. INSTR.	COMMERCIAL/ FL. INSTR.	ATR/ FL. INSTR.	OTHER	NONE	UNKNOWN/ NOT REPORTED	RECORDS 2	*ACCIDENTS 2
OBJECT												
HIRD STRIKE												
<u>STALL</u>			1								1	1
SPIN												
SPIRAL												
MUSH			1		1						2	2
<u>FIRE OR EXPLOSION</u>												
IN FLIGHT												
ON GROUND												
<u>AIRFRAME FAILURE</u>												
IN FLIGHT			1	1	2						4	4
ON GROUND												
ENGINE TEARAWAY												
ENGINE FAILURE OR MALFUNCTION			4	4	1	2					11	11
<u>PROPELLER/ROTOR FAILURE</u>												
PROPELLER			1								1	1
TAIL ROTOR												
MAIN ROTOR			2								2	2
PROP ROTOR ACUNT TO PERSON												
JET INTAKE/FXH ACUNT TO PWS												
PROPELLER/JET/ROTOR PLAST												
TURRULENCE												
HAIL DAMAGE TO AIRCRAFT												
LIGHTNING STRIKE												
EVASIVE MANUEVER												
UNCONTROLLED ALT DEVIATION												
DITCHING												
MISSING ACFT NOT RECOVERED												
MISCELLANEOUS/OTHER												
UNDETERMINED												
RECORDS	1	40	26		20	7					94	
ACCIDENTS	1	40	26		20	7						94

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS
	DESTROYED	SUBSTANTIAL	MINOR	NONE		
GROUND-WATER LOOP-SWERVE	2	13			15	15
DRAAGGED WINGTIP POD OR FLOAT						
WHEELS-UP LANDING		7			7	7
WHEELS-DOWN LANDING IN WATER						
GEAR COLLAPSED		7			7	7
GEAR RETRACTED		6			6	6
HARD LANDING		8			8	8
NOSF OVER/DOWN		2			2	2
ROLL OVER						
OVERSHOOT		4			4	4
UNDERSHOOT		1			1	1
<u>COLLISION BETWEEN AIRCRAFT</u>						
BOTH IN FLIGHT	1				1	1
ONE AIRBORNE						
BOTH ON GROUND						
<u>COLLISION WITH GROUND/WATER</u>						
CONTROLLED	4	1			5	5
UNCONTROLLED	6				6	6
<u>COLLIDED WITH</u>						
WIRFS/POLES						
TREES	4	3			7	7
RESIDENCE/S						
BUILDING/S		1			1	1
FENCE, FENCEPOSTS						
ELECTRONIC TOWERS						
RUNWAY OR APPROACH LIGHTS						
AIRPORT HAZARD						
ANIMALS						
CROP						
FLAGMAN LOADER						
DITCHES		1			1	1
SNOWBANK						
PARKED AIRCRAFT						
AUTOMOBILE						
DIRT BANK						
OBJECT		2			2	2

# FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

## AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS
	DESTROYED	SUBSTANTIAL	MINOR	NONE		
BIRD STRIKE						
<u>STALL</u>	1				1	1
SPIN						
SPIRAL						
MUSH	2				2	2
<u>FIRE OR EXPLOSION</u>						
IN FLIGHT						
ON GROUND						
<u>AIRFRAME FAILURE</u>						
IN FLIGHT	3	1			4	4
ON GROUND						
ENGINE TEARAWAY						
ENGINE FAILURE OR MALFUNCTION	5	6			11	11
<u>PROPELLER/ROTOR FAILURE</u>						
PROPELLER		1			1	1
TAIL ROTOR						
MAIN ROTOR		2			2	2
PROP ROTOR ACNT TO PERSON						
JET INTAKE/EXH ACNT TO PEPS						
PROPELLER/JET/ROTOR BLAST						
TURBULENCE						
HAIL DAMAGE TO AIRCRAFT						
<u>LIGHTNING STRIKE</u>						
EVASIVE MANUEVER						
UNCONTROLLED ALT DEVIATION						
DITCHING						
MISSING ACFT NOT RECOVERED						
MISCELLANEOUS/OTHER						
UNDETERMINED						
RECORDS	28	66			94	
ACCIDENTS	24	66				94

## ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

<u>FIRST OPERATIONAL PHASE</u>	<u>INJURY INDEX</u>				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
<u>STATIC</u>						
STARTING ENGINE/S						
IDLING ENGINE/S						
ENGINE RUNUP						
IDLING ROTORS						
PARKED-ENGINES NOT OPERATING						
OTHER						
<u>TAXI</u>						
TO TAKEOFF			1		1	1
FROM LANDING			3		3	3
OTHER						
GROUND TAXI TO TAKEOFF						
GROUND TAXI FROM LANDING						
GROUND TAXI, OTHER						
AERIAL TAXI TO TAKEOFF						
AERIAL TAXI TO/FROM LANDING						
AERIAL TAXI, OTHER						
<u>TAKEOFF</u>						
RUN	1	1	5		7	7
INITIAL CLIMB	5	2	5		12	12
VERTICAL						
RUNNING						
ABORTED			1		1	1
ABORTED						
ABORTED						
OTHER						
<u>INFLIGHT</u>						
CLIMB TO CRUISE	1	1			2	2
NORMAL CRUISE	3		1		4	4
DESCENDING	1				1	1
HOLDING						
HOVERING			1		1	1
POWER-ON DESCENT						
AUTOROTATIVE DESCENT						
ACROBATICS						
BUZZING						

# ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
UNCONTROLLED DESCENT	4				4	4
EMERGENCY DESCENT						
LOW PASS	1		1		2	2
OTHER	2				2	2
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						
<u>LANDING</u>						
TRAFFIC PATTERN-CIRCLING		1			1	1
FINAL APPROACH			1		1	1
INITIAL APPROACH			1		1	1
FINAL APPROACH	5	1			6	6
LEVEL OFF/TOUCHDOWN		2	18		20	20
ROLL		2	22		24	24
ROLL-ON/RUN-ON						
POWER-ON LANDING						
POWER-OFF AUTOROTATIVE LDG						
GO-AROUND						
MISSED APPROACH						
OTHER	1				1	1
UNKNOWN/NOT REPORTED						
RECORDS	24	1	9	60	94	
ACCIDENTS	24	1	9	60		94

CAUSE/FACTOR TABLE  
CORPORATE/EXECUTIVE FLYING  
U.S. GENERAL AVIATION

1973

INVOLVES 94 TOTAL ACCIDENTS  
INVOLVES 24 FATAL ACCIDENTS

BROAD CAUSE/FACTOR -----	FATAL ACCIDENTS -----			NONFATAL ACCIDENTS -----			ALL ACCIDENTS -----		
	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*
PILOT	19 79.17	6 25.00	19 79.17	51 72.86	9 12.86	51 72.86	70 74.47	15 15.96	70 74.47
PERSONNEL	3 12.50	1 4.17	4 16.67	7 10.00	2 2.86	9 12.86	10 10.64	3 3.19	13 13.83
AIRFRAME	.00	.00	.00	1 1.43	1 1.43	2 2.86	1 1.06	1 1.06	2 2.13
LANDING GEAR	.00	.00	.00	10 14.29	2 2.86	12 17.14	10 10.64	2 2.13	12 12.77
POWERPLANT	4 16.67	1 4.17	4 16.67	2 2.86	2 2.86	4 5.71	6 6.38	3 3.19	8 8.51
SYSTEMS	.00	.00	.00	1 1.43	.00	1 1.43	1 1.06	.00	1 1.06
INSTRUMENTS/EQUIPMENT AND ACCESSORIES	.00	1 4.17	1 4.17	.00	.00	.00	.00	1 1.06	1 1.06
ROTORCRAFT	.00	.00	.00	2 2.86	.00	2 2.86	2 2.13	.00	2 2.13
AIRPORTS/AIRWAYS/FACILITIES	1 4.17	.00	1 4.17	12 17.14	7 10.00	19 27.14	13 13.83	7 7.45	20 21.28
WEATHER	1 4.17	12 50.00	13 54.17	.00	12 17.14	12 17.14	1 1.06	24 25.53	25 26.60
TERRAIN	1 4.17	4 16.67	5 20.83	5 7.14	10 14.29	14 20.00	6 6.38	14 14.89	19 20.21
MISCELLANEOUS	2 8.33	.00	2 8.33	2 2.86	1 1.43	3 4.29	4 4.26	1 1.06	5 5.32
UNDETERMINED	2 8.33	.00	2 8.33	2 2.86	.00	2 2.86	4 4.26	.00	4 4.26

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

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

CAUSE/FACTOR TABLE  
CORPORATE/EXECUTIVE FLYING  
U.S. GENERAL AVIATION

1973

INVOLVES 94 TOTAL ACCIDENTS  
INVOLVES 24 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT				1		1	1		1
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL		1	1					1	1
CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS	2	1	3				2	1	3
DELAYED ACTION IN ABORTING TAKEOFF				3		3	3		3
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT	1		1	4	2	6	5	2	7
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT	2	1	3				2	1	3
FAILED TO EXTEND LANDING GEAR				4		4	4		4
INADVERTENTLY RETRACTED GEAR				2		2	2		2
FAILED TO SEE AND AVOID OTHER AIRCRAFT	1		1				1		1
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	1		1				1		1
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	3		3	3		3	6		6
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT					1	1		1	1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	2	1	3	4	1	5	6	2	8
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS	1		1	1		1	2		2
IMPROPER OPERATION OF FLIGHT CONTROLS				1		1	1		1
PREMATURE LIFT OFF				1		1	1		1
IMPROPER LEVEL OFF				4		4	4		4
IMPROPER IFR OPERATION	6		6	2	1	3	8	1	9
IMPROPER IN-FLIGHT DECISIONS OR PLANNING	3	1	4				3	1	4
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	2	2	4	4	2	6	6	4	10
INADEQUATE SUPERVISION OF FLIGHT				3		3	3		3
LACK OF FAMILIARITY WITH AIRCRAFT		2	2		1	1		3	3
MISMANAGEMENT OF FUEL	1		1	1		1	2		2
EXERCISED POOR JUDGMENT	3	1	4	2	1	3	5	2	7
SELECTED UNSUITABLE TERRAIN				8		8	8		8
FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED				2		2	2		2
SPONTANEOUS-IMPROPER ACTION				1		1	1		1
MISJUDGED DISTANCE, SPEED, AND ALTITUDE				1		1	1		1
MISJUDGED DISTANCE AND SPEED				2		2	2		2
MISJUDGED DISTANCE AND ALTITUDE	1		1	1		1	2		2
MISJUDGED ALTITUDE	1		1	1		1	2		2
MISJUDGED CLEARANCE				1		1	1		1
IMPROPER RECOVERY FROM BOUNCED LANDING				1		1	1		1
SPATIAL DISORIENTATION	2		2				2		2
FAILED TO MAINTAIN DIRECTIONAL CONTROL	1		1	7		7	8		8
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				4		4	4		4
FAILED TO INITIATE GO-AROUND				1	1	2	1	1	2
DIRECT ENTRIES				1		1	1		1
SUBTOTAL	33	10	43	71	10	81	104	20	124
COPILOT									
INADVERTENTLY RETRACTED GEAR				1		1	1		1
IMPROPER LEVEL OFF				2		2	2		2
SPONTANEOUS-IMPROPER ACTION				1		1	1		1
SUBTOTAL				4		4	4		4
** PERSONNEL **									
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL)	1		1	2		2	3		3
INADEQUATE MAINTENANCE AND INSPECTION		1	1	2	1	3	2	2	4
OTHER				1		1	1		1
OPERATIONAL SUPERVISORY PERSONNEL									
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
AIRPORT SUPERVISORY PERSONNEL									
FAILURE TO NOTIFY OF UNSAFE CONDITION					1	1		1	1



## CAUSE/FACTOR TABLE

## PERSONNEL (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
OTHER	1		1				1		1
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT	1		1				1		1
DRIVER OF VEHICLE				1		1	1		1
OTHER				1		1	1		1
THIRD PILOT									
FLIGHT ENGINEER									
DISPATCHING									
SUBTOTAL	3	1	4	7	2	9	10	3	13
** AIRFRAME **									
WINGS									
FUSELAGE									
DOORS, DOOR FRAMES				1		1	1		1
OTHER					1	1		1	1
LANDING GEAR									
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				1		1	1		1
NORMAL RETRACTION/EXTENSION ASSEMBLY				4		4	4		4
NOSEWHEEL ASSEMBLIES				2		2	2		2
WHEELS, TIRES, AXLES				1		1	1		1
FLOAT ASSEMBLIES				1		1	1		1
BRAKING SYSTEM (NORMAL)				1	1	2	1	1	2
LANDING GEAR WARNING AND INDICATING COMPONENTS					1	1		1	1
FLIGHT CONTROL SURFACES									
SUBTOTAL				11	3	14	11	3	14
** POWERPLANT **									
ENGINE STRUCTURE									
IGNITION SYSTEM									
SPARK PLUG		1	1					1	1
FUEL SYSTEM									
FUEL INJECTION SYSTEM	2		2	1		1	3		3
LUBRICATING SYSTEM									
COOLING SYSTEM									
PROPELLER AND ACCESSORIES									
EXHAUST SYSTEM									
ENGINE ACCESSORIES									
ENGINE CONTROLS-COCKPIT									
OTHER				1		1	1		1
POWERPLANT-INSTRUMENTS									
POWER INDICATORS					1	1		1	1
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	1		1				1		1
AIR INGESTION	1		1				1		1
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
FUEL SYSTEM									
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
REVERSER DOORS					1	1		1	1
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									

## CAUSE/FACTOR TABLE

## POWERPLANT (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
SUBTOTAL	4	1	5	2	2	4	6	3	9
** SYSTEMS **									
ELECTRICAL SYSTEM									
MOTORS				1		1	1		1
HYDRAULIC SYSTEM									
FLIGHT CONTROL SYSTEMS									
ANTI-ICING, DE-ICING SYSTEMS									
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
SUBTOTAL				1		1	1		1
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
VOR RECEIVERS		1	1					1	1
MISCELLANEOUS EQUIPMENT									
SUBTOTAL		1	1					1	1
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
TRANSMISSION ROTOR DRIVE SYSTEM									
FREE WHEEL UNIT				1		1	1		1
CLUTCH ASSEMBLY				1		1	1		1
FLIGHT CONTROL SYSTEMS									
MISCELLANEOUS UNITS AND ASSEMBLIES									
SUBTOTAL				2		2	2		2
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
RUNWAY LIGHTING					2	2		2	2
AIRPORT CONDITIONS									
WET RUNWAY				3	1	4	3	1	4
ICE/SLEET ON RUNWAY				1		1	1		1
SNOW ON RUNWAY				2		2	2		2
SOFT SHOULDERS (RUNWAY)				1		1	1		1
SNOW ON RAMP/TAXIWAY					1	1		1	1
OTHER	1		1	7	4	11	8	4	12
AIRWAYS FACILITIES									
SUBTOTAL	1		1	14	8	22	15	8	23
** WEATHER **									
LOW CEILING		11	11		3	3		14	14
RAIN		5	5		3	3		8	8
FOG	1	8	9		1	1	1	9	10
SNOW		2	2		3	3		5	5
ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC.		1	1					1	1
UNFAVORABLE WIND CONDITIONS					4	4		4	4
TURBULENCE ASSOCIATED WITH CLOUDS AND/OR THUNDERSTORMS		3	3					3	3
HIGH TEMPERATURE					1	1		1	1
OBSTRUCTIONS TO VISION		1	1					1	1
HIGH DENSITY ALTITUDE					1	1		1	1
THUNDERSTORM ACTIVITY		2	2					2	2
SUBTOTAL	1	33	34		16	16	1	49	50
** TERRAIN **									
WET, SOFT GROUND				1	1	2	1	1	2
SNOW-COVERED					1	1		1	1

## CAUSE/FACTOR TABLE

## TERRAIN (CONTINUED)

FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL

HIGH VEGETATION				1	1		1	1
ROUGH/UNEVEN			2	1	3	2	1	3
ROUGH WATER			1		1	1		1
HIGH OBSTRUCTIONS	4	4		3	3		7	7
SANDY				1	1		1	1
OTHER	1	1	1	3	4	2	3	5
SUBTOTAL	1	4	5	11	16	6	15	21
** MISCELLANEOUS **								
EVASIVE MANEUVER TO AVOID COLLISION			1	1	2	1	1	2
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS	2	2	1		1	3		3
UNDETERMINED	2	2	2		2	4		4
SUBTOTAL	4	4	4	1	5	8	1	9
GRAND TOTAL	47	50	97	121	174	168	103	271

## \*\* MISCELLANEOUS ACTS, CONDITIONS \*\*

CHECKLIST-FAILED TO USE				2	2		2	2
CREW COORDINATION-POOR	1					1		1
IMPROPER EMERGENCY PROCEDURES	1	1	2			1	1	2
INSTRUMENTS-MISREAD OR FAILED TO READ			1	1	2	1	1	2
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA			1		1	1		1
FAILED TO USE ALL AVAILABLE RUNWAY		1					1	1
POORLY PLANNED APPROACH		1			1		2	2
LANDED ON FOAMED RUNWAY					1		1	1
IMPROPERLY SECURED			1		1	1		1
ELECTRICAL FAILURE				2	2		2	2
FATIGUE FRACTURE			1		1	1		1
THRUST REVERSAL-UNWANTED	1	1				1		1
IMPROPER ALIGNMENT/ADJUSTMENT	1	1				1		1
FAILURE OF TWO OR MORE ENGINES		2					2	2
SEPARATION IN FLIGHT		3			1		4	4
PILOT FATIGUE		2			1		3	3
FUEL EXHAUSTION	1	1				1		1
AIRFRAME ICE		1	1		1	1	1	2
WATER IN FUEL	1	1				1		1
AIRCRAFT CAME TO REST IN WATER				1	1		1	1
FROZEN, MOISTURE			1		1	1		1
HYDROPLANING ON WET RUNWAY			3		3	3		3
OVERLOAD FAILURE	3	3		22	22	3	22	25
MATERIAL FAILURE			6		6	6		6
FUEL STARVATION			2		2	2		2
IMPROPER CLEARANCE-TOLERANCE		1	1	1	2	1	2	3
PREVIOUS DAMAGE			2	1	3	2	1	3
DOWNDRAFT			1	4	5	1	4	5
CARBON DEPOSITS		1					1	1
RINDING			1		1	1		1
DISCONNECTED			1		1	1		1
ELONGATED			1		1	1		1
FLUCTUATING				1	1		1	1
IMPROPERLY INSTALLED			1		1	1		1
OBSTRUCTED	1	1				1		1
INTENTIONAL GROUND-WATER LOOP-SWERVE			2	1	3	2	1	3
INTENTIONAL WHEELS UP			2		2	2		2

## DIRECT ENTRY CAUSES

## PILOT-EXCESSIVE TAXI SPEED FOR CONDITIONS

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



LISTING OF ACCIDENTS  
INVOLVING CORPORATE/EXECUTIVE FLYING  
U.S. GENERAL AVIATION  
1973  
(IN FILE NUMBER SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 0039	N42J	011673	NPALM SPRNGS,CALIF	CESSNA	421	FATAL
3 0052	N7401S	011673	GARLAND,TEX	AEROSTAR	600	NONE
3 0055	N9818L	020273	UTICA,NY	CESSNA	320B	NONE
3 0117	N69HE	021773	BATTLE GRND,WASH	AERO COMDR	680F	FATAL
3 0156	N73968	010373	GULF OF MEXICO	BELL	47J-2	MINOR
3 0186	N454RN	022673	ATLANTA,GA	GATES LEAR	24	FATAL
3 0285	N664MC	010773	CHATTANOOGA,TENN	SWEARINGEN	SA226T	NONE
3 0301	N3301Q	012773	PENSACOLA,FLA	CESSNA	320D	NONE
3 0323	N51L	012973	CHARLOTTESVILLE,VA	SWEARINGEN	SA26AT	NONE
3 0342	N1536T	021973	BROOKFIELD,WIS	CESSNA	421B	FATAL
3 0397	N330EC	030573	SNYDER,TEX	PIPER	PA-23	NONE
3 0443	N332PC	030873	CARLSBAD,CALIF	LEAR JET	23	NONE
3 0466	N881E	031573	CONWAY,ARK	BEECH	65-88	NONE
3 0467	N501BJ	032073	MORRISVILLE,NC	CESSNA	401A	NONE
3 0476	N5014Q	020773	FREMONT,OHIO	CESSNA	340	MINOR
3 0481	N4197Q	022373	PAINSVILLE,OHIO	CESSNA	310N	NONE
3 0520	N743R	041373	MONTROSE,COLO	N.AMERICAN	NA-265	FATAL
3 0523	N320MC	030973	PHOENIX,ARIZ	HAM-FLUGZEU	HFB320	NONE
3 0584	N661CP	030273	BRAINERD,MINN	LEAR JET	24	NONE
3 0703	N9503Z	030773	BLAINE,MINN	N. AMERICAN	NA-265	FATAL
3 0705	N936K	010378	BLAIRSTOWN,IOWA	BEECH	C90	FATAL
3 0736	N300X	033173	NILES,MICH	PIPER	PA-31	FATAL
3 0829	N570DU	021473	ATHENS,GA	BEECH	100	NONE
3 0833	N4646S	040473	WILMINGTON,DEL	BEECH	A90	NONE
3 0862	N80E	042773	GREENSBORO,NC	N. AMERICAN	NA-265	NONE
3 0919	N70279	043073	CHAUVIN,LA	CESSNA	185A	NONE

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3 0922	N9535Q	021073	MONROEVILLE,ALA	BEECH	65	NONE
3 1012	N621W	052473	WASHINGTON,PA	HOWARD AERO	500	MINOR
3 1183	N2280R	050973	RIVERTON,WYO	CESSNA	T210J	NONE
3 1234	N7308Q	051373	DALTON,GA	CESSNA	182	NONE
3 1271	N50RS	052873	CHICAGO,ILL	PIPER	PA-31	NONE
3 1453	N275ZD	062073	GREENVILLE,SC	HELIO ACFT	H-295	NONE
3 1510	N354WP	052173	CRYSTAL LAKE,ILL	CESSNA	421	NONE
3 1522	N8859F	061173	BAGGS,WYO	HUGHES	269A	NONE
3 1525	N26Q	061673	CLOUDCROFT,N MEX	BEECH	D18S	NONE
3 1584	N4506P	062773	SPRINGFIELD,ILL	PIPER	PA-23	NONE
3 1592	N6277L	070273	NWEST MONROE,LA	AMER AVCO	AA-1B	MINOR
3 1713	N963M	052273	OPA LOCKA,FLA	BEECH	90	NONE
3 1774	N59JR	042473	GREER,SC	AERO COMDR	560F	NONE
3 1857	N70096	062373	ANIAK,ALAS	CESSNA	185	FATAL
3 1884	N7282D	071373	VALDOSTA,GA	BEECH	60	FATAL
3 1901	N157TD	062273	NPRINCETON,ME	PIPER	PA-23	FATAL
3 1906	N4932T	052573	MINNEAPOLIS,MINN	CESSNA	411	FATAL
3 1945	N117HC	072773	WEST HELENA,ARK	PIPER	PA-31	NONE
3 2039	N5818J	081473	VENICE,LA	CESSNA	185E	MINOR
3 2059	N3165L	080173	OWATONNA,MINN	CESSNA	310J	NONE
3 2108	N436CB	080773	WALTON,IND	PIPER	PA-23	NONE
3 2121	N78130	062773	ST.IGNACE,MICH	CESSNA	172K	NONE
3 2205	N1WF	080873	CHATTANOOGA,TENN	BEECH	65-80	NONE
3 2235	N6840L	061573	TAMPA,FLA	PIPER	PA-31P	FATAL
3 2413	N4662U	081073	NILIAMNA,ALAS	CESSNA	180G	NONE
3 2451	N1895A	080173	KOPPERSTON,W VA	BEECH	D55	FATAL

LISTING OF ACCIDENTS  
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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2599	N669M	090473	PECOS, TEX	LOCKHEED	L-18	FATAL
3 2726	N735K	062673	ALAMOSA, CALIF	BEECH	65-90	NONE
3 2903	N9920X	072773	NBILLINGS, MONT	CESSNA	185	NONE
3 3000	N20EA	070273	PLEASANT LAKE, IND	CESSNA	T210J	FATAL
3 3079	N910L	110973	GALESBURG, ILL	DASSAULT	FALCON	NONE
3 3140	N100HM	100473	CASPER, WYO	BEECH	65A90	NONE
3 3177	N5161B	100873	FORKS, WASH	BELL	47F-2	NONE
3 3222	N1091Q	091573	IMNAHA, OREG	CESSNA	310H	NONE
3 3231	N887Q	100573	SPRINGFIELD, ILL	MITSUBISHI	MU-2	NONE
3 3240	N4252X	073073	N. PHILDELPHIA, OHIO	SWEARINGEN	SA26	NONE
3 3301	N566E	092473	GARY, IND	LOCKHEED	1049H	MINOR
3 3329	N2531S	092473	MURRAY, KY	CESSNA	337C	NONE
3 3348	N333CS	102373	DE QUEEN, ARK	BEECH	65-90	NONE
3 3381	N8922M	092573	PRESTON, MD	CESSNA	337F	NONE
3 3456	N1991Q	102273	MANSFIELD, MASS	CESSNA	177RG	NONE
3 3464	N1792W	092673	HAZARD, KY	BEECH	E55	NONE
3 3479	N6249B	103073	ROCHESTER, NY	PIPER	PA-23	NONE
3 3486	N461NC	112073	WEBSTER, PA	BELL	206A	FATAL
3 3504	N6614L	091173	JACKSONVILLE, FLA	PIPER	PA-31	NONE
3 3513	N118W	122973	ANN ARBOR, MICH	BEECH	G18S	MINOR
3 3525	N424RF	122173	ENDICOTT, NY	CESSNA	411	SERIOUS
3 3546	N8077M	110673	EULESS, TEX	CESSNA	310I	FATAL
3 3558	N900P	121773	WHITE PLAINS, NY	LEAR JET	25	NONE
3 3628	N984E	110273	EASTLAND, TEX	LOCKHEED	18	NONE
3 3643	N307MA	120373	COLEMAN, TEX	MITSUBISHI	MU-2B	FATAL
3 3771	N741H	120573	CRESTVIEW, FLA	BEECH	65-80	NONE

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FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 3772	N330CB	122573	GAINSVILLE,FLA	BEECH	65	NONE
3 3877	N6AC	121973	T RIVER FALL,MINN	BEECH	E58	NONE
3 3965	N40LB	092573	LINCOLN,NEBR	GATES LEAR	25	FATAL
3 3971	N14099	121873	WEATHERFORD,OKLA	PIPER	PA-23	FATAL
3 3979	N66798	122773	WALLA WALLA,WASH	PIPER	PA-31	FATAL
3 4016	N711FW	121073	JASPER,ALA	TRADEWIND	C-45H	NONE
3 4053	N194MA	070673	N.WILKESBORO,NC	MITSUBISHI	MU-2	NONE
3 4100	N711FC	122073	W COLUMBIA,SC	BEECH	C90	FATAL
3 4127	N825WD	101273	BIRMINGHAM,ALA	AERO COMDR	720	NONE
3 4128	N1538T	100973	TALLAHASSEE,FLA	CESSNA	421B	NONE
3 4134	N56068	110473	MEMPHIS,TENN	PIPER	PA-34	MINOR
6 0005	N4138W	031073	NOJINAGA,MEX	PIPER	PA-32	NONE
6 0013	N21445	030373	CHARCAS,MEX	CESSNA	182P	NONE
6 0021	N956B	030773	WEST END,BAHAMAS	BEECH	65	NONE
6 0027	N5218Y	061173	NSTANIEL CAY,BHMAS	PIPER	PA-23	FATAL
6 0036	N660MA	071673	DHAHRAN,SAUD ARAB	DEHAVILLAND	DHC-6	MINOR



NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D.C. 20591

BRIEFS OF ACCIDENTS

INVOLVING CORPORATE/EXECUTIVE FLYING

U.S. GENERAL AVIATION

1973

(IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0922	2/10/73 TIME - 1830	MONROEVILLE, ALA	BECH 65 N9535Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 23, 2722 TOTAL HOURS, 35 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MONROE COUNTY DEPARTURE POINT INTENDED DESTINATION MONROEVILLE, ALA YORK, ALA TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED FACTOR(S) PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT MISCELLANEOUS ACTS, CONDITIONS - ELECTRICAL FAILURE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SUSPECTED MECHANICAL DISCREPANCY REMARKS- ALTERNATOR SWITCHES OFF, BATTERY DISCHARGED. PLT RTND ARPT LOWERED GEAR MANUALLY.						
3-4127	10/12/73 TIME - 0833	BIRMINGHAM, ALA	AERO COMDR 720 N825WD DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 35, UNK/NR TOTAL HOURS, 4800 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BIRMINGHAM MUNI DEPARTURE POINT INTENDED DESTINATION MONTGOMERY, ALA BIRMINGHAM, ALA TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING: ROLL  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) AIRFRAME - LANDING GEAR: NOSEWHEEL ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED REMARKS- NOSE GR STRUT TRUNNION PIN IMPROPERLY INSTALLED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4016	12/10/73 TIME - 1045	JASPER, ALA	TRADEWIND C-45H N711FW DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 41, 12000 TOTAL HOURS, 504 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WALKER COUNTY DEPARTURE POINT INTENDED DESTINATION HAMILTON, ALA HUNTSVILLE, ALA TYPE OF ACCIDENT PHASE OF OPERATION GEAR RETRACTED LANDING: ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR: NORMAL RETRACTION/EXTENSION ASSEMBLY SYSTEMS - ELECTRICAL SYSTEM: MOTORS MISCELLANEOUS ACTS, CONDITIONS - BINDING REMARKS- LNDG GR DYNAMIC BRAKE MALFUNCTIONED GR MOTOR COASTED DWN RESULTED BINDING NOSE GR DRIVE CHAIN						
3-1857	6/23/73 TIME - 0100	ANIAK, ALAS	CESSNA 185 N70096 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 56, 7055 TOTAL HOURS, 6000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ANIAK DEPARTURE POINT INTENDED DESTINATION MARSHAL, ALAS ANIAK, ALAS TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT: NORMAL CRUISE COLLIDED WITH: TREES LANDING: FINAL APPROACH  PROBABLE CAUSE(S) MISCELLANEOUS ACTS, CONDITIONS - WATER IN FUEL PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - PILOT FATIGUE TERRAIN - HIGH OBSTRUCTIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- FLOAT EQUIPPED, UN REACH RIVER, PLT HAD 1 1/2 HRS REST IN LAST 48. MOISTURE IN DIST & FUEL INJ LINES.						
3-2413	8/10/73 TIME - 1700	NR. ILIAMNA, ALAS	CESSNA 180G N4662U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTR., AGE UNK/NR, 2200 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ILIAMNA, ALAS MCNEIL RIVER CAMP TYPE OF ACCIDENT PHASE OF OPERATION NOSE OVER/DOWN LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN TERRAIN - ROUGH/UNEVEN FACTOR(S) TERRAIN - WET, SOFT GROUND TERRAIN - SANDY						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0523	3/9/73 TIME - 2024	PHOENIX, ARIZ	HAM-FLUGZEU HFB320 N320MC DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 7	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 44, 11672 TOTAL HOURS, 1200 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SKY HARBOR INTL DEPARTURE POINT INTENDED DESTINATION SAN FRANCISCO, CALIF SANTA FE, N MEX TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - CHECKLIST-FAILED TO USE FIRE AFTER IMPACT						
3-0466	3/15/73 TIME - 1150	CONWAY, ARK	BEECH 65-88 N881E DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 33, 2350 TOTAL HOURS, 35 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CONWAY MUNICIPAL DEPARTURE POINT INTENDED DESTINATION DALLAS, TEX MEMPHIS, TENN TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT: NORMAL CRUISE COLLIDED WITH: TREES LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION TERRAIN - OTHER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PILOT MADE FORCED LNDG ON HIGHWAY-WING STRUCK SIGN POLE. BOTH MAIN TANKS EMPTY-OUTBOARDS APRX 55GAL						
3-1945	7/27/73 TIME - 0640	WEST HELENA, ARK	PIPER PA-31 N117HC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTR., AGE 36, 5000 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HELENA DEPARTURE POINT INTENDED DESTINATION MEMPHIS, TENN WEST HELENA, ARK TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAXI: FROM LANDING COLLIDED WITH: AUTOMOBILE TAXI: FROM LANDING  PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT - EXCESSIVE TAXI SPEED FOR CONDITIONS PERSONNEL - MISCELLANEOUS-PERSONNEL: OTHER MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER REMARKS- TRUCK, EQPT BOTH SIDES MEN WALKD IN FRNT OF ACFT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3348	10/23/73 TIME - 1500	DE QUEEN,ARK	BEECH 65-90 N333CS DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 56, 18350 TOTAL HOURS, 65 IN TYPE, INSTRU- MENT RATED.
NAME OF AIRPORT - SEVIER COUNTY DEPARTURE POINT INTENDED DESTINATION DE QUEEN,ARK LITTLE ROCK,ARK TYPE OF ACCIDENT AIRFRAME FAILURE: IN FLIGHT COLLISION WITH GROUND/WATER: UNCONTROLLED  PHASE OF OPERATION TAKEOFF: INITIAL CLIMB LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING AIRFRAME - FUSELAGE: DOORS,DOOR FRAMES MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. DOOR/PANEL OPEN PITCH CONTROL PROBLEM REMARKS- PAX LOCKED DOOR PLT DID NOT CK.DOOR OPENED AND SEPARATED FROM FRAME ACFT PITCHED VIOLENTLY.						
3-0039	1/16/73 TIME - 1604	NR.PALM SPRNGS,CALIF	CESSNA 421 N42J DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 37, 2190 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
DEPARTURE POINT INTENDED DESTINATION PHOENIX,ARIZ PALM SPRINGS,CALIF TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED  PHASE OF OPERATION IN FLIGHT: DESCENDING  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION MISSING AIRCRAFT - LATER RECOVERED FIRE AFTER IMPACT REMARKS- RCVRD 1/17/73.PLT CONDUCTED IMPROPER OR NON-STANDARD IFR APCH PROC.CAUSE UNKN.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
2-0643	3/8/73 TIME - 1115	CARLSBAD-CALIF	LEAR JET 23 N332PC DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 6	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 30, 3113 TOTAL HOURS, 458 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PALOMAR DEPARTURE POINT LAS VEGAS, NEV INTENDED DESTINATION CARLSBAD-CALIF TYPE OF ACCIDENT OVERSHOOT GEAR COLLAPSED PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: WET RUNWAY MISCELLANEOUS ACTS/CONDITIONS - HYDROPLANING ON WET RUNWAY FACTOR(S) MISCELLANEOUS ACTS/CONDITIONS - OVERLOAD FAILURE WEATHER - RAIN WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION BROKEN VISIBILITY AT ACCIDENT SITE 5.00 OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TEMPERATURE-F 53 WIND VELOCITY-KNOTS 14 TYPE OF FLIGHT PLAN IFP REMARKS- LND IN KNOWN ADVERSE RWY COND. RAN OFF RWY INTO MUD.						
3-2726	6/26/73 TIME - 1215	ALAMOSA-CALIF	BEECH 65-90 N735K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 51, 12300 TOTAL HOURS, 560 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ALAMOSA MUNI DEPARTURE POINT SAN LUIS, COLO INTENDED DESTINATION ALAMOSA-CALIF TYPE OF ACCIDENT WHEELS-UP PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR FACTOR(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT DOOR/PANEL OPEN REMARKS- CABIN DOOR OPENED IN FLT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0520	4/13/73	MONTROSE, COLO	N. AMERICAN NA-265	CR- 2 0 0	NONCOMMERCIAL	AIRLINE TRANSPORT, AGE
	TIME - 1635		N743R	PX- 0 0 0	CORP/EXEC	37, 10000 TOTAL HOURS, 84
			DAMAGE-DESTROYED			IN TYPE, INSTRUMENT
						RATED.
		NAME OF AIRPORT - MONTROSE				
		DEPARTURE POINT	INTENDED DESTINATION		LAST ENROUTE STOP	
		LOS ANGELES, CALIF	DENVER, COLO		MONTROSE, COLO	
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLISION WITH GROUND/WATER: UNCONTROLLED			TAKEOFF: INITIAL CLIMB	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS				
		PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.				
		MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES				
		MISCELLANEOUS ACTS, CONDITIONS - THRUST REVERSAL-UNWANTED				
		FIRE AFTER IMPACT				
		REMARKS- CONTD OPN OF L ENG AT CLIMB PWR AFTER UNWANTED IN-FLT DEPLOYMENT OF L ENG THRUST REVERSER.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0833	4/4/73 TIME - 1304	WILMINGTON, DEL	BEECH A90 N4646S DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 4	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 30, 3977 TOTAL HOURS, 512 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WILMINGTON DEPARTURE POINT INTENDED DESTINATION MIDDLETOWN, DEL BALTIMORE, MD TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF: INITIAL CLIMB COLLIDED WITH: RUNWAY OR APPROACH LIGHTS LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) WEATHER - RAIN WEATHER - LOW CEILING WEATHER - UNFAVORABLE WIND CONDITIONS AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES: RUNWAY LIGHTING PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPORT.  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 700 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1 MILE OR LESS RAIN OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND FOG RIGHT CROSS WIND 068-112 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 52 80 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 15 IFR TYPE OF FLIGHT PLAN IFR REMARKS- OPS MANUAL REC USE OF AUTO-IGNITION SYS DURING RAIN, ICING COND. WIND GUSTING 23K.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0301	1/27/73 TIME - 0830	PENSACOLA,FLA	CFSSNA 320D N3301Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 41, 1741 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - FERGUSON DEPARTURE POINT MONTGOMERY,ALA			INTENDED DESTINATION PENSACOLA,FLA		PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: ROLL	
TYPE OF ACCIDENT OVERSHOOT GEAR COLLAPSED						
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: WET RUNWAY MISCELLANEOUS ACTS/CONDITIONS - OVERLOAD FAILURE						
REMARKS- LND ABOUT HALFWAY DOWN RWY,ROLLED INTO DITCH OFF END OF RWY.						
3-1713	5/22/73 TIME - 1520	OPA LOCKA,FLA	BEECH 90 N963M DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 3	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 30, 3800 TOTAL HOURS, 2775 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - OPA LOCKA DEPARTURE POINT DELAND,FLA			INTENDED DESTINATION OPA LOCKA,FLA		PHASE OF OPERATION LANDING: ROLL	
TYPE OF ACCIDENT GEAR RETRACTED						
PROBABLE CAUSE(S) COPILOT - INADVERTENTLY RETRACTED GEAR COPILOT - SPONTANEOUS-IMPROPER ACTION PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT						
REMARKS- COPILOT PLACED GR HANDLE IN UP PSN LONG ENOUGH FOR GR LOCKS TO DISENGAGE.						



# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2235	6/15/73 TIME - 0517	TAMPA,FLA	PIPER PA-31P N6840L DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 40, 4620 TOTAL HOURS, 790 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TAMPA INTL DEPARTURE POINT - TAMPA,FLA INTENDED DESTINATION BOCA GRANDE,FLA TYPE OF ACCIDENT - ENGINE FAILURE OR MALFUNCTION ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: BUILDING(S) PHASE OF OPERATION TAKEOFF: INITIAL CLIMB LANDING: ROLL PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS: POWERPLANT FAILURE FOR UNDETERMINED REASONS FACTOR(S) POWERPLANT - IGNITION SYSTEM: SPARK PLUG MISCELLANEOUS ACTS,CONDITIONS - CARBON DEPOSITS MISCELLANEOUS ACTS,CONDITIONS - IMPROPER CLEARANCE-TOLERANCE PERSONNEL - MAINTENANCE,SERVICING,INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- PLT DECLARED EMERG,CRASHLANDED,SLID INTO BLDG,L PROP FEATH,PLUGS FOULED,ALSO FOULED,MISGAPPD R ENG						
3-3504	9/11/73 TIME - 0012	JACKSONVILLE,FLA	PIPER PA-31 N6614L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 44, 8500 TOTAL HOURS, 250 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CRAIG FIELD DEPARTURE POINT - TAMPA,FLA INTENDED DESTINATION JACKSONVILLE,FLA TYPE OF ACCIDENT - WHEELS-UP PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR: NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - LANDED ON FOAMED RUNWAY REMARKS- FLEX PUSH-PULL CTL CABLE ASSEMBLY P/N 442R9-00 BTWN GR SELECT AND HYD PWRPACK 7 CABLE STRANDS BKN.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-412R	10/9/73 TIME - 1705	TALLAHASSEE,FLA	CESSNA 421R N1538T DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 3	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 55, 7353 TOTAL HOURS, 641 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TALLAHASSEE MUNI DEPARTURE POINT INTENDED DESTINATION JEFFERSON,GA TALLAHASSEE,FLA TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED  PHASE OF OPERATION LANDING: ROLL LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: SOFT SHOULDERS FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - DOWNWIND MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE REMARKS- POST ACFT INSP DID NOT REVEAL EVIDENCE OF MALFUNCTION.ACFT ENTRD SANDY AREA L OF RWY.						
3-3771	12/5/73 TIME - 1622	CRESTVIEW,FLA	BEECH 65-80 N741H DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 32, 3743 TOTAL HOURS, 68 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BOR SIKES DEPARTURE POINT INTENDED DESTINATION PENSACOLA,FLA CRESTVIEW,FLA TYPE OF ACCIDENT GEAR COLLAPSED  PHASE OF OPERATION LANDING: ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR: NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE REMARKS- PLT RPTD UNUSUAL SOUND WHEN GR WAS RETRACTED AFTR TKOF.NOSE STRUT ATTACH SEC TORN OUT BRACKETS BKN						
3-3772	12/25/73 TIME - 1442	GAINSVILLE,FLA	BEECH 65 N330CB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL CORP/EXEC	ATR,FLIGHT INSTR., AGE 32, 6500 TOTAL HOURS, 850 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GAINSVILLE MUN DEPARTURE POINT INTENDED DESTINATION ORLANDO,FLA GAINSVILLE,FLA TYPE OF ACCIDENT GEAR RETRACTED  PHASE OF OPERATION LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - ELECTRICAL FAILURE AIRFRAME - FUSELAGE: OTHER REMARKS- LOW BATTERY APU START,ELECTRICAL FAILURE IN FLT EMGCY GR EXTN.CTR PEDESTAL EXTDD AFT APRX 10 IN.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0829	2/14/73 TIME - 0930	ATHENS,GA	BEECH 100 N570DU DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 3	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT. AGE 64, 19633 TOTAL HOURS, 1522 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ATHENS MUNICIPAL DEPARTURE POINT INTENDED DESTINATION WILMINGTON,DEL ATHENS,GA TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. PILOT IN COMMAND - IMPROPER IFR OPERATION WEATHER - LOW CEILING MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - SELF-HELP,PILOT CHECKED WEATHER DATA WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 3/4 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TEMPERATURE-F 45 WIND VELOCITY-KNOTS 8 TYPE OF FLIGHT PLAN IFR REMARKS- WX BELOW PRESCRIBED MINIMA,PLT SFLF BRIEF AT WX BUREAU,FLAPS IN UP PSN.						
PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: LEVEL OFF/TOUCHDOWN  CEILING AT ACCIDENT SITE 100 PRECIPITATION AT ACCIDENT SITE RAIN RELATIVE BEARING OF WIND RIGHT CROSS WIND 068-112 DEGREES WIND DIRECTION-DEGREES 100 TYPE OF WEATHER CONDITIONS BELOW MINIMUMS						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0186	2/26/73	ATLANTA, GA	GATES LEAR 24 N454RN DAMAGE-DESTROYED	CR- 2 0 0 PX- 5 0 0 OT- 0 1 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 31, 5600 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DEKALB-PEACHTREE DEPARTURE POINT - ATLANTA, GA INTENDED DESTINATION - MIAMI, FLA TYPE OF ACCIDENT - ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: BUILDING(S) PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS: INGESTION MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS PERSONNEL - AIRPORT SUPERVISORY PERSONNEL: OTHER AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - FAILURE OF TWO OR MORE ENGINES PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE REMARKS- LOST ENG THRUST DUE COWBIRD INGESTION, FAA & ARPT AUTHORITY AWARE OF BIRD HAZARD, NOT REMOVED.						
3-1234	5/13/73	DALTON, GA	CESSNA 182 N7308Q DAMAGE-SUBSTANTIAL	CR- 0 0 0 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 31, 765 TOTAL HOURS, 650 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WESTSIDE DEPARTURE POINT - DALTON, GA INTENDED DESTINATION - DALTON, GA TYPE OF ACCIDENT - HARD LANDING GEAR COLLAPSED PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - PILOT FATIGUE MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- POUNDED OUT HI, NOSE PITCHED DWN HIT RWY BOUNCED, FLD LTD BY MERCURY VAPOR LTS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1884	7/13/73	VALDOSTA,GA	BEECH 60 N7282D DAMAGE-DESTROYED	CR- 0 0 1 PX- 1 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 28, 1555 TOTAL HOURS, 57 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - VALDOSTA MUNI DEPARTURE POINT INTENDED DESTINATION CHAMBLEE,GA VALDOSTA,GA TYPE OF ACCIDENT PHASE OF OPERATION STALL LANDING: OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG MISCELLANEOUS ACTS,CONDITIONS - POORLY PLANNED APPROACH WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION 200 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1 MILE OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 78 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 130 4 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR FIRE AFTER IMPACT REMARKS- PLT HI ON LCLZR APCH,DIDNT EXECUTE MISSED APCH,ATTEMPTED CIRCLING APCH BLO PUBLISHED MINIMUMS.						
3-1510	5/21/73	CRYSTAL LAKE,ILL	CESSNA 421 N354WP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 29, 4884 TOTAL HOURS, 405 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CRYSTAL LAKE DEPARTURE POINT INTENDED DESTINATION CHICAGO,ILL CRYSTAL LAKE,ILL TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING: ROLL PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR: NORMAL RETRACTION/EXTENSION ASSEMBLY MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE REMARKS- L TRUNION ASSEMBLY 5041102-1,END FITTING BRACE LOCK 0841101 AND BOLT SEPARATED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1271	5/28/73 TIME - 2220	CHICAGO, ILL	PIPER PA-31 N50RS DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 32, 2409 TOTAL HOURS, 78 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CHICAGO O'HARE DEPARTURE POINT INTENDED DESTINATION INDIANAPOLIS, IND CHICAGO, ILL TYPE OF ACCIDENT COLLIDED WITH: OBJECT  PHASE OF OPERATION TAXI: FROM LANDING  PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: DRIVER OF VEHICLE REMARKS- COLLIDED WITH RAMP SERVICE TRUCK. TRUCK DRIVER'S VISION REDUCED BY BRIGHT LIGHTS IN TERMINAL AREA.						
3-1584	6/27/73 TIME - 1052	SPRINGFIELD, ILL	PIPER PA-23 N4506P DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 28, 3542 TOTAL HOURS, 43 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CAPITAL DEPARTURE POINT INTENDED DESTINATION WHEELING, ILL SPRINGFIELD, ILL TYPE OF ACCIDENT GEAR RETRACTED  PHASE OF OPERATION LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - INADVERTENTLY RETRACTED GEAR PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION REMARKS- ACFT LDG GR AND SYS CK, DWN-LOCK MECHANISM AND INDICATOR LGTS OK. PROPER CLNC GR ANTI-RETRACT VALVE.						
3-3231	10/5/73 TIME - 0605	SPRINGFIELD, ILL	MITSUBISHI MU-2 N887Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 40, 5448 TOTAL HOURS, 510 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CAPITOL DEPARTURE POINT INTENDED DESTINATION SPRINGFIELD, ILL DALLAS, TEXAS TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH: OBJECT  LAST ENROUTE STOP UNKNOWN/NOT REPORTED PHASE OF OPERATION TAKEOFF: RUN TAKEOFF: ABORTED  PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER REMARKS- SKIDDED ON GRASS STRUCK EDGE OF TAXIWAY WHICH WAS ABT 6IN HIGHER THAN GND. PLT ATTN TO SYNC INST.						

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N			FLIGHT PURPOSE	PILOT DATA
3-3079	11/9/73 TIME - 1200	GALESBURG, ILL	DASSAULT FALCON N910L DAMAGE-SUBSTANTIAL	CR- PX- OT-	0 0 0	2 4 1	NONCOMMERCIAL CORP/EXEC	ATR, FLIGHT INSTR., AGE 43, 7643 TOTAL HOURS, 2164 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GALESBURG DEPARTURE POINT OKLAHOMA CITY, OKLA TYPE OF ACCIDENT UNDERSHOOT GEAR COLLAPSED  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER TERRAIN - ROUGH/UNEVEN REMARKS- GRND LVL ABT 6 FT LOWER THAN 90 FT OVERRUN. GR CTCD BANK BFOR OVERRUN.								
3-3000	7/2/73 TIME - 1622	PLEASANT LAKE, IND	CESSNA T210J N20EA DAMAGE-DESTROYED	CR- PX- OT-	1 3 0	0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTR., AGE 26, 1539 TOTAL HOURS, 19 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT TRAVERSE CITY, MICH TYPE OF ACCIDENT ATRFRAME FAILURE: IN FLIGHT  PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING WEATHER - RAIN WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS WEATHER - THUNDERSTORM ACTIVITY MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION ORSCURATION VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TYPE OF FLIGHT PLAN NONE REMARKS- FLEW INTO SEVERE TSTM. L WG & TAIL SEPARATED. IMPACTED IN TRAILER PARK.								
CEILING AT ACCIDENT SITE 300 PRECIPITATION AT ACCIDENT SITE HAIL. RAIN SHOWERS TYPE OF WEATHER CONDITIONS IFR								

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2108	8/7/73	WALTON, IND	PIPER PA-23 N436CB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTR., AGE 52, 1567 TOTAL HOURS, 4 IN TYPE, INSTRUMENT RATED.
<p>DEPARTURE POINT - INTENDED DESTINATION FORT WAYNE, IND. PERKIN, ILL</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING: LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING: ROLL</p> <p>PROBABLE CAUSE(S) - IMPROPER OPERATION OF FLIGHT CONTROLS</p> <p>FACTOR(S) - LACK OF FAMILIARITY WITH AIRCRAFT POWERPLANT - POWERPLANT-INSTRUMENTS: POWER INDICATORS MISCELLANEOUS ACTS, CONDITIONS - FLUCTUATING TERRAIN - OTHER MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT SUSPECTED MECHANICAL DISCREPANCY</p> <p>REMARKS- PLT LND ON HIWAY, PULLED UP OVER CAR &amp; HIT ON NOSE GEAR. L TACH FLUCTUATING. NO OTR MALFUNCTIONS.</p>						
3-3301	9/24/73	GARY, IND	LOCKHEED 1049H N566EE DAMAGE-SUBSTANTIAL	CR- 0 0 5 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 62, 16774 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
<p>NAME OF AIRPORT - GARY MUNI</p> <p>DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP LOS ANGELES, CALIF GARY, IND KANSAS CITY, MO</p> <p>TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING: LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING: LEVEL OFF/TOUCHDOWN</p> <p>PROBABLE CAUSE(S) - IMPROPER LEVEL OFF PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT</p> <p>FACTOR(S) - OVERLOAD FAILURE</p> <p>MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE</p> <p>FIRE AFTER IMPACT</p> <p>REMARKS- L GR FAILED.</p>						
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## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0705	1/3/78 TIME - 1722	BLAIRSTOWN, IOWA	BEECH C90 N936K DAMAGE-DESTROYED	CR- 2 0 0 PX- 3 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 49, 4225 TOTAL HOURS, 25 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT OMAHA, NEBR	INTENDED DESTINATION CEDAR RAPIDS, IOWA			
		TYPE OF ACCIDENT AIRFRAME FAILURE: IN FLIGHT	PHASE OF OPERATION IN FLIGHT: UNCONTROLLED DESCENT			
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT WEATHER - LOW CEILING WEATHER - FOG WEATHER - SNOW WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE 200			
		VISIBILITY AT ACCIDENT SITE 1/4 MILE OR LESS	PRECIPITATION AT ACCIDENT SITE SNOW			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN IFR				
		FIRE AFTER IMPACT				
REMARKS- BEGAN DESCENT TO ILS APCH LATE, BELIEVED PLT EXPEDITED DESCENT, APCH FLAPS, GR DWN, L WG, ENG, TAIL SEP.						
3-3329	9/24/73 TIME - 1205	MURRAY, KY	CESSNA 337C N2531S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 51, 6200 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - KYLE FIELD				
		DEPARTURE POINT MURRAY, KY	INTENDED DESTINATION LOUISVILLE, KY			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION WHEELS-UP	PHASE OF OPERATION TAKEOFF: RUN TAKEOFF: INITIAL CLIMB			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL WHEELS-UP COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- DID NOT LEAD REAR THROTTLE DRG TKOF PLT DTMD ACFT WOULD NOT CLB. POST ACFT EXAM 1 PROP BLADE BENT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3464	9/26/73	HAZARD, KY	BEECH E55 N1792W	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 48, 12684 TOTAL HOURS, 3500 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HAZARD DEPARTURE POINT LEXINGTON, KY TYPE OF ACCIDENT GEAR COLLAPSED  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- DUE TO TYPE AND EXTENT OF DMG TO GR RETRACT SYS, UN DTRMN WHICH EVENT OCCURRED FIRST.						
3-0919	4/30/73	CHAUVIN, LA	CESSNA 185A N70279	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 23, 877 TOTAL HOURS, 88 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT PATTERSON, LA TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH: OBJECT  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING AIRFRAME - LANDING GEAR: FLOAT ASSEMBLIES MISCELLANEOUS ACTS-CONDITIONS - PREVIOUS DAMAGE REMARKS- 1 FLOAT HIT OBJECT AT GIBSON. FLT DIDNT CK, DEF FOR DEST. FLOAT HAD HOLE IN BOTTOM, HIT BARGE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1592	7/2/73	NR.WFST MONROE,LA	AMER AVCO AA-1B N6277L DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 30, 3035 TOTAL HOURS, 9 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT MONROE,LA	INTENDED DESTINATION LOCAL	LAST ENROUTE STOP WEST MONROE,LA		
		TYPE OF ACCIDENT STALL: MUSH		PHASE OF OPERATION TAKEOFF: INITIAL CLIMB		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN						
PILOT IN COMMAND - PREMATURE LIFT-OFF						
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF						
FACTOR(S)						
WEATHER - HIGH TEMPERATURE						
TERRAIN - HIGH VEGETATION						
WEATHER BRIEFING - NO BRIEFING RECEIVED						
WEATHER FORECAST - UNKNOWN/NOT REPORTED						
SKY CONDITION				CEILING AT ACCIDENT SITE		
CLEAR				UNLIMITED		
VISIBILITY AT ACCIDENT SITE				PRECIPITATION AT ACCIDENT SITE		
5 OR OVER				NONE		
OBSTRUCTIONS TO VISION AT ACCIDENT SITE				TEMPERATURE-F		
NONE				95		
WIND DIRECTION-DEGREES				WIND VELOCITY-KNOTS		
200				4		
TYPE OF WEATHER CONDITIONS				TYPE OF FLIGHT PLAN		
VFR				NONE		
REMARKS- PLT ATTEMPTED T/O FROM ROUGH HAYFIELD WITH INADEQUATE DIST TO CLR OBSTACLES.8IN GRASS OVR AREA.						
3-2039	8/14/73	VENICE,LA	CESSNA 185E NSA18J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 24, 2400 TOTAL HOURS, 40 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT WESTWEGO,LA	INTENDED DESTINATION VENICE,LA	PHASE OF OPERATION		
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE		LANDING: ROLL		
		NOSE OVER/DOWN		LANDING: ROLL		
PROBABLE CAUSE(S)						
PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN						
MISCELLANEOUS ACTS/CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE						
FACTOR(S)						
PILOT IN COMMAND - EXERCISED POOR JUDGMENT						
TERRAIN - OTHER						
REMARKS- PLT ATTEMPTD LDG IN CANAL TOO SHORT FOR EXISTING COND. FLOAT EQUIPPED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1901	6/22/73 TIME - 1900	NP, PRINCETON, ME	PIPER PA-23 N157TD DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTR., AGE 40, 6000 TOTAL HOURS, 3000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PRINCETON DEPARTURE POINT SMITHFIELD, RI TYPE OF ACCIDENT COLLIDED WITH: TREES			INTENDED DESTINATION PRINCETON, ME			PHASE OF OPERATION LANDING: FINAL APPROACH
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION			FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - OTHER WEATHER FORECAST - UNKNOWN/NOT REPORTED MISSING AIRCRAFT - LATER RECOVERED			
SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 1/2 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF FLIGHT PLAN IFR			CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED PRECIPITATION AT ACCIDENT SITE RAIN TYPE OF WEATHER CONDITIONS IFR			
REMARKS- DESCENDED BLO MDA. LOCAL WEA COND GIVEN PLT BY CAR TO ACFT RADIO. RECOVERY DATE 6/23/73.						
3-3381	9/25/73 TIME - 0930	PRESTON, MD	CESSNA 337F N8922M DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 36, 6880 TOTAL HOURS, 55 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT AMBLEP, PA TYPE OF ACCIDENT GEAR COLLAPSED			INTENDED DESTINATION PRESTON, MD			LAST ENROUTE STOP WASHINGTON, DC PHASE OF OPERATION LANDING: ROLL
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN TERRAIN - WET, SOFT GROUND			FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE			
REMARKS- ALL THREE WHEELS MADE TRENCHES IN VERY SOFT DIRT SURFACE. STRIP USED BY OTR ACFT ABT 1/2 MILE AWAY.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3456	10/22/73 TIME - 1850	MANSFIELD,MASS	CESSNA 177PG N1991Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 32, 700 TOTAL HOURS, 55 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MANSFIELD DEPARTURE POINT INTENDED DESTINATION NEW BEDFORD,MASS MANSFIELD,MASS TYPE OF ACCIDENT PHASE OF OPERATION WHEELS-UP LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT FACTOR(S) AIRFRAME - LANDING GEAR: LANDING GEAR WARNING AND INDICATING COMPONENTS REMARKS- PILOT PREOCCUPIED BY NIGHT LANDING FORGOT TO LOWER LANDING GEAR WARNING HORN DID NOT ACTIVATE.						
3-0736	3/31/73 TIME - 2053	NILES,MICH	PIPER PA-31 N300X DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 50, 16770 TOTAL HOURS, 376 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TYLER MEMORIAL DEPARTURE POINT INTENDED DESTINATION OWENSBORO,KY. NILES,MICH TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH: TREES LANDING: FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG WEATHER - THUNDERSTORM ACTIVITY WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE ORSCURATION 200 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1/2 MILE OR LESS RAIN SHOWERS, THUNDERSTORM OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS FOG IFR TYPE OF FLIGHT PLAN IFR FIRE AFTER IMPACT REMARKS- DESCENDED BLO MDA IN KNOWN TSTM COND.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2121	6/27/73 TIME - 1650	ST.IGNACE,MICH	CESSNA 172K N78130 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 27, 1373 TOTAL HOURS, 55 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MORAN BAY DEPARTURE POINT INTENDED DESTINATION ST.IGNACE,MICH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING REMARKS- AFROSOL CAN & BOX ROLLED UNDER PLTS FEET.PLT TRIED TO KICK THEM OUT OF WAY.SKIDDED,CAUGHT WG TIP.						
3-3513	12/29/73 TIME - 1336	ANN ARBOR,MICH	BEECH G18S N118W DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 38, 2700 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ANN ARBOR DEPARTURE POINT INTENDED DESTINATION ANN ARBOR,MICH ANN ARBOR,MICH TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER: CONTROLLED TAKEOFF: INITIAL CLIMB  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED MISCELLANEOUS ACTS,CONDITIONS - AIRFRAME ICE FACTOR(S) WEATHER - LOW CEILING WEATHER - SNOW WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - UNKNOWN/NOT REPORTED  SKY CONDITION CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED 200 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1/4 MILE OR LESS SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE WIND DIRECTION-DEGREES UNKNOWN/NOT REPORTED 290 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 10 IFR TYPE OF FLIGHT PLAN IFR FIRE AFTER IMPACT REMARKS- ENCRUSTED SNOW APRX 1/8 TO 1/4 IN THICK ON TOP OF WING AND TAIL SURFACES.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0584	3/2/73 TIME - 0820	BRAINERD, MINN	LEAR JET 24 N661CP DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 44, 2800 TOTAL HOURS, 680 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CROW WING COUNTY DEPARTURE POINT INTENDED DESTINATION ATLANTA, GA BRAINERD, MINN TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING: LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE, SPEED, AND ALTITUDE FACTOR(S) PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND MISCELLANEOUS ACTS, CONDITIONS - POORLY PLANNED APPROACH WEATHER - UNFAVORABLE WIND CONDITIONS MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 500 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 OR OVER NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND FOG LEFT CROSS WIND 248-292 DEGREES TEMPERATURE-F WIND DIRECTION-DEGREES 31 130 WIND VELOCITY-KNOTS TYPE OF WEATHER CONDITIONS 12 IFR TYPE OF FLIGHT PLAN IFR REMARKS- OVERSHOT TURN TO FINAL. BOTH TIP TANKS HIT RWY, THEN NOSE GR.						
3-0703	3/7/73 TIME - 0659	BLAINE, MINN	N. AMERICAN NA-265 N9503Z DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 35, 6402 TOTAL HOURS, 288 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ANOKA COUNTY DEPARTURE POINT INTENDED DESTINATION MINNEAPOLIS, MINN HIBBING, MINN TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER: UNCONTROLLED IN FLIGHT: UNCONTROLLED DESCENT  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED FIRE AFTER IMPACT						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1906	5/25/73 TIME - 1607	MINNEAPOLIS, MINN	CFSSNA 411 N4932T DAMAGE-DESTROYED	CR- 1 0 0 PX- 4 0 0	NONCOMMERCIAL CORP/EXEC	ATR, FLIGHT INSTR., AGE 32, 3450 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
NAME OF AIRPORT - MINN.-ST. PAUL INT DEPARTURE POINT MINNEAPOLIS, MINN TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL			INTENDED DESTINATION GWINNER, N DAK PHASE OF OPERATION TAKEOFF: INITIAL CLIMB IN FLIGHT: OTHER			
PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM: FUEL INJECTION SYSTEM MISCELLANEOUS ACTS, CONDITIONS - IMPROPER ALIGNMENT/ADJUSTMENT PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES MISCELLANEOUS ACTS, CONDITIONS - FAILED TO USE ALL AVAILABLE RUNWAY PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPORT. FIRE AFTER IMPACT REMARKS- L ENG LOST PWR, MIXT TOO RICH. PLT DIDNT FEATH PROP, GOT BLO VMC. NEAR GROSS WT, AFT CG. INTERSECT TKOF.						
3-2059	8/1/73 TIME - 1145	OWATONNA, MINN	CESSNA 310J N3165L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 58, 2094 TOTAL HOURS, 99 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - OWATONNA MUN DEPARTURE POINT MINNEAPOLIS, MINN TYPE OF ACCIDENT COLLIDED WITH: OBJECT GEAR COLLAPSED			INTENDED DESTINATION OWATONNA, MINN PHASE OF OPERATION TAXI: TO TAKEOFF TAXI: TO TAKEOFF			
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN						
FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER AIRFRAME - LANDING GEAR: BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS, CONDITIONS - IMPROPER CLEARANCE-TOLERANCE PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- PLT LOST DIRECTIONAL CNTRL. RAN INTO PLOWED FLD. NO DMG. TRIED TO RET TO RWY, NOSE GR HIT FURROW.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3877	12/19/73 TIME - 1455	T RIVER FALL, MINN	BEECH E58 N6AC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 29, 3653 TOTAL HOURS, 1594 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - THIEF RIVER MUN DEPARTURE POINT INTENDED DESTINATION OMAHA, NEBR T RIVER FALL, MINN TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING: ROLL GEAR COLLAPSED LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS AIRFRAME - LANDING GEAR: BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS, CONDITIONS - FROZEN, MOISTURE FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: SNOW ON RAMP/TAXIWAY MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- DRG TAXI FOR TKOF TAXIED THRU SNOW DRIFTS, R BRAKE FROZEN TO DISC TIRE ROTATED. AC 91-13A CVRS.						
3-2903	7/27/73 TIME - 1530	NR. BILLINGS, MONT	CESSNA 185 N9920X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 45, 9375 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BLAINE RANCH DEPARTURE POINT INTENDED DESTINATION BILLINGS, MONT LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH: DITCHES LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER FACTOR(S) TERRAIN - OTHER REMARKS- DITCH CUT ACROSS RWY ON PRIVATE STRIP.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3965	9/25/73 TIME - 0618	LINCOLN, NEBR	GATES LEAR 25 N40LB DAMAGE-DESTROYED	CR- 2 0 0 PX- 1 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 44, 2690 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
NAME OF AIRPORT - LINCOLN MUNI DEPARTURE POINT INTENDED DESTINATION LINCOLN, NEBR OMAHA, NEBR TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER: UNCONTROLLED TAKEOFF: INITIAL CLIMB  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - CREW COORDINATION-POOR FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION 100 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 1/2 MILE OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 56 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 140 3 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR REMARKS- PLT RATED IN MODEL PREVIOUS DAY.						
3-1525	6/16/73 TIME - 0730	CLOUDCROFT, N MEX	BEECH D18S N26Q DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 32, 2400 TOTAL HOURS, 140 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TIMBERON DEPARTURE POINT INTENDED DESTINATION TIMBERON, N MEX EL PASO, TEX TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH: TREES TAKEOFF: RUN  PROBABLE CAUSE(S) PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0055	2/2/73 TIME - 0910	UTICA,NY	CESSNA 320B N9A19L DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 51, 10603 TOTAL HOURS, 65 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ONEIDA COUNTY DEPARTURE POINT INTENDED DESTINATION NEWARK,NJ UTICA,NY TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING: ROLL  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION: OTHER AIRFRAME - LANDING GEAR: MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC. MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS,CONDITIONS - PREVIOUS DAMAGE REMARKS- NOSE GR MAIN DRIVE TUBE P/N0842120-1 BKN.ACFT CONT GND HANDLED BY PWR EQUIP,CONTRARY TO MFG REC.						
3-3479	10/30/73 TIME - 2010	ROCHESTER,NY	PIPER PA-23 N6249B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	ATR,FLIGHT INSTR., AGE 41, 2414 TOTAL HOURS, 143 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MONROE CO DEPARTURE POINT INTENDED DESTINATION BUFFALO,NY ROCHESTER,NY TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH: TREES LANDING: INITIAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION REMARKS- LOC APCH DSCNDD BLO MDA 1040 FT HIT TREE STATIC SYS CKD OK ALT 50 FT LOW AT SEA LEVEL.						
3-3558	12/17/73 TIME - 1900	WHITE PLAINS,NY	LEAR JET 25 N900P DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 56, 20738 TOTAL HOURS, 1231 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WESTCHESTER CO DEPARTURE POINT INTENDED DESTINATION CLEVELAND,OHIO WHITE PLAINS,NY TYPE OF ACCIDENT PHASE OF OPERATION NOSE OVER/DOWN LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. MISCELLANEOUS ACTS,CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES: RUNWAY LIGHTING AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER REMARKS- RUNWAY SNOW COVERED UNLIGHTED.PILOT MISTOOK SIDE OF RUNWAY FOR RUNWAY PROPER.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3525	12/21/73 TIME - 0750	ENDICOTT,NY	CESSNA 411 N424RF DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 4	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 33, 4828 TOTAL HOURS, 268 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TRI-CITIES DEPARTURE POINT INTENDED DESTINATION ENDICOTT,NY ONTARIO,CAN TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED  PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: SNOW ON RUNWAY PILOT IN COMMAND - DELAYED ACTION IN ABORTING TAKEOFF FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING WEATHER - SNOW WEATHER - UNFAVORABLE WIND CONDITIONS MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE 1/2 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 310 TYPE OF WEATHER CONDITIONS IFR REMARKS- REDUCED PWR R ENG TO CORRECT SKID.UN TO OBTAIN TKOF SPD.OVERRAN RWY.						
CEILING AT ACCIDENT SITE 100 PRECIPITATION AT ACCIDENT SITE SNOW TEMPERATURE-F 27 WIND VELOCITY-KNOTS 16 TYPE OF FLIGHT PLAN IFR						
3-0467	3/20/73 TIME - 1430	MORRISVILLE,NC	CESSNA 401A N501BJ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 41, 2531 TOTAL HOURS, 305 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - RALEIGH-DURHAM DEPARTURE POINT INTENDED DESTINATION CHARLOTTE,NC MORRISVILLE,NC TYPE OF ACCIDENT COLLIDED WITH: BUILDING(S)  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED CLEARANCE REMARKS- L WING TIP TANK-HIT CORNER OF METAL HANGAR.						
PHASE OF OPERATION TAXI: FROM LANDING						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0862	4/27/73 TIME - 1127	GREENSBORO, NC	N. AMERICAN NA-265 N80E DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 3	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 47, 14500 TOTAL HOURS, 650 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GREENSBORO DEPARTURE POINT INTENDED DESTINATION PITTSBURGH, PA GREENSBORO, NC TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING: ROLL GEAR COLLAPSED LANDING: ROLL  PROBABLE CAUSE(S) MISCELLANEOUS ACTS, CONDITIONS - HYDROPLANING ON WET RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: WET RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE POWERPLANT - THRUST REVERSER: REVERSER DOORS MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- FAA RORD ALL OWNERS TO LOCK THRUST REVERSERS IN FORWARD THRUST POS. ACFT HIT SOFT DIRT.						
3-4053	7/6/73 TIME - 1330	N. WILKESBORO, NC	MITSUBISHI MU-2 N194MA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 43, 11622 TOTAL HOURS, 2793 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WILKES CO DEPARTURE POINT INTENDED DESTINATION N. WILKESBORO, NC ORLANDO, FLA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF: INITIAL CLIMB WHEELS-UP LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: IMPROPER MAINTENANCE (MAINTENANCE PERSONNEL) POWERPLANT - FUEL SYSTEM: FUEL INJECTION SYSTEM MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL WHEELS-UP FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- L FUEL CTL VALVE FEMALE SPLINE WORN, SHEARED. ARSB 72-0027, NCW, COVERS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0476	2/7/73 TIME - 2225	FREMONT, OHIO	CESSNA 340 N5014Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 36, 2048 TOTAL HOURS, 581 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - FREMONT, OHIO DEPARTURE POINT INTENDED DESTINATION LAGRANGE, OHIO FREMONT, OHIO TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED  PHASE OF OPERATION LANDING: TRAFFIC PATTERN-CIRCLING  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE FACTOR(S) TERRAIN - SNOW-COVERED MISCELLANEOUS ACTS, CONDITIONS - INSTRUMENTS-MISREAD OR FAILED TO READ REMARKS- LDG LTS GLARED ON SNOW. L WG TIP HIT GRND.						
3-0481	2/23/73 TIME - 0817	PAINSVILLE, OHIO	CESSNA 310N N4197Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 44, 4396 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PAINSVILLE DEPARTURE POINT INTENDED DESTINATION PAINSVILLE, OHIO ZANESVILLE, OHIO TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH: SNOWBANK  PHASE OF OPERATION TAKEOFF: RUN TAKEOFF: RUN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: SNOW ON RUNWAY REMARKS- ACFT L OF CENTER LINE ENTERED FRESH PLOWED SNOW ABT 4IN DEEP ON RWY. HIT SNOW BANK AFTR 1/2 MI ROLL						
3-3240	7/30/73 TIME - 1000	N. PHILADELPHIA, OHIO	SWEARINGEN SA26 N4252X DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 52, 6100 TOTAL HOURS, 1151 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CLEVER DEPARTURE POINT INTENDED DESTINATION PITTSBURG, PENN N. PHILADELPHIA, OHIO TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED  PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: ROLL  PROBABLE CAUSE(S) COPILLOT - IMPROPER LEVEL OFF PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- ABT 5FT ABV RWY, FULL BACK ELEV PRES ACFT DROPPED OFF FASTER THAN NORM, LND 3 POINT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3971	12/18/73 TIME - 1915	WEATHERFORD, OKLA	PIPER PA-23 N14099 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTRUMENT RATED. AGE 29, 2130 TOTAL HOURS, UNK/NR IN TYPE: INSTRUMENT RATED.
		DEPARTURE POINT CLINTON, OKLA	INTENDED DESTINATION OKMULGEE, OKLA			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: UNCONTROLLED	PHASE OF OPERATION IN FLIGHT: UNCONTROLLED DESCENT			
PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION						
FACTOR(S) WEATHER - LOW CEILING WEATHER - OBSTRUCTIONS TO VISION WEATHER - TURBULENCE, ASSOCIATED W/CLOUDS AND/OR THUNDERSTORMS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION BROKEN	CEILING AT ACCIDENT SITE 1200			
		VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE BLOWING DUST	TEMPERATURE-F 38			
		WIND DIRECTION-DEGREES 340	WIND VELOCITY-KNOTS 20			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
FIRE AFTER IMPACT REMARKS- ATMTNG VFR FLT UNDER CLOUDS, DARK NIGHT, GUSTS TO 30KTS.						
3-3222	9/15/73 TIME - 1110	IMNAHA, OREG	CESSNA 310H N1091Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTRUMENT RATED. AGE 30, 3908 TOTAL HOURS, 151 IN TYPE: INSTRUMENT RATED.
		NAME OF AIRPORT - LORD FLAT DEPARTURE POINT IMNAHA, OREG	INTENDED DESTINATION JOSEPH, OREG			
		TYPE OF ACCIDENT GEAR COLLAPSED COLLIDED WITH: DITCHES	PHASE OF OPERATION LANDING: ROLL LANDING: OTHER			
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						
REMARKS- ARPT RCMD USE ONLY BY LIGHT SINGLE ENG ACFT. ROUGH STRIP.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1012	5/24/73 TIME - 1815	WASHINGTON, PA	HOWARD AERO 500 N621W DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 3	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 45, 15973 TOTAL HOURS, 780 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - WASHINGTON COUNTY DEPARTURE POINT CHICAGO, ILL TYPE OF ACCIDENT OVERSHOOT GEAR COLLAPSED		PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: ROLL		
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: WET RUNWAY MISCELLANEOUS ACTS/CONDITIONS - HYDROPLANING ON WET RUNWAY AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER						
FACTOR(S) MISCELLANEOUS ACTS/CONDITIONS - OVERLOAD FAILURE MISCELLANEOUS ACTS/CONDITIONS - DOWNWIND WEATHER - RAIN WEATHER BRIEFING - UNKNOWN/NOT REPORTED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION BROKEN VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TEMPERATURE-F 59 WIND VELOCITY-KNOTS 8 TYPE OF FLIGHT PLAN IFR		CEILING AT ACCIDENT SITE 3000 PRECIPITATION AT ACCIDENT SITE RAIN RELATIVE BEARING OF WIND TAIL WIND 158-202 DEGREES WIND DIRECTION-DEGREES 110 TYPE OF WEATHER CONDITIONS VFR		
REMARKS- LND DOWNWIND FROM VOR CIRCLING APCH. UN STOP ACFT DUE HYDROPLANING. RAN DOWN EMBANKMENT.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3486	11/20/73 TIME - 1625	WEBSTER, PA	BELL 206A N461NC DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 29, 2493 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ROSTRAVER DEPARTURE POINT INTENDED DESTINATION CONNELLSVILLE, PA W. MIFFLIN, PA TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV.-SMALL US GEN. AV. CONTROLLING AGENCY - UNKNOWN/NOT REPORTED TRAFFIC ADVISORY ISSUED - UNKNOWN/NOT REPORTED CONTROL ZONE/AREA - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- M/R BLADES SEPRTD AFT HITTING CESSNA.						
3-1774	4/24/73 TIME - 1311	GREER, SC	AERO COMDR 560F N59JR DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 40, 2167 TOTAL HOURS, 126 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GREER DEPARTURE POINT INTENDED DESTINATION COLUMBIA, SC GREER, SC TYPE OF ACCIDENT GEAR RETRACTED PHASE OF OPERATION LANDING: ROLL PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- GR DWN 3 GREEN LIGHTS HYD PRES NML, WHILE HEADING TOWARD L HIGH SPEED TAXIWAY R GR COLLAPSED.						
3-1453	6/20/73 TIME - 1405	GREENVILLE, SC	HELIO ACFT H-295 N275ZD DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 39, 5237 TOTAL HOURS, 63 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GREENVILLE MUN DEPARTURE POINT INTENDED DESTINATION HOPEPATH, SC GREENVILLE, SC TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- ACFT BALLOONED THEN DROPPED IN ON THE L GR.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4100	12/20/73 TIME - 1317	W COLUMBIA,SC	BEECH C90 N711FC DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 1 0	NONCOMMERCIAL CORP/EXEC	ATR, FLIGHT INSTR., AGE 35, 6125 TOTAL HOURS. UNK/NR IN TYPE, INSTRU- MENT RATED.
		NAME OF AIRPORT - COLUMBIA METRO DEPARTURE POINT EDENTON,NC TYPE OF ACCIDENT COLLIDED WITH: TREES		INTENDED DESTINATION COLUMBIA,SC PHASE OF OPERATION LANDING: FINAL APPROACH		
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) WEATHER - LOW CEILING WEATHER - RAIN WEATHER - FOG MISCELLANEOUS ACTS, CONDITIONS - PILOT FATIGUE TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 3/4 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND DIRECTION-DEGREES 120 TYPE OF WEATHER CONDITIONS BELOW MINIMUMS REMARKS- DESCENDED BELOW MDA.			CEILING AT ACCIDENT SITE 200 PRECIPITATION AT ACCIDENT SITE RAIN TEMPERATURE-F 51 WIND VELOCITY-KNOTS 3 TYPE OF FLIGHT PLAN IFR			

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0285	1/7/73 TIME - 1717	CHATTANOOGA, TENN	SWEARINGEN SA226T N664MC DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 53, 18746 TOTAL HOURS, 8007 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LOVELL DEPARTURE POINT HOUSTON, TEX INTENDED DESTINATION CHATTANOOGA, TENN TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED PHASE OF OPERATION LANDING: ROLL LANDING: ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: ICE/SLUSH ON RUNWAY FACTOR(S) PERSONNEL - AIRPORT SUPERVISORY PERSONNEL: FAILURE TO NOTIFY OF UNSAFE CONDITION WEATHER - SNOW MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TEMPERATURE-F 27 WIND VELOCITY-KNOTS 5 TYPE OF FLIGHT PLAN IFR CEILING AT ACCIDENT SITE 900 PRECIPITATION AT ACCIDENT SITE RAIN RELATIVE BEARING OF WIND RIGHT QUARTERING HEAD WIND 023-067 DEGREES WIND DIRECTION-DEGREES 50 TYPE OF WEATHER CONDITIONS IFR REMARKS- RWY COND NOT NOTAMED. TWR TOLD CREW ABOUT 1 3/4 INCHES SNOW ON RWY BFOR LDG.						
3-2205	8/8/73 TIME - 1230	CHATTANOOGA, TENN	BEECH 65-80 N1WF DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTR., AGE 50, 10000 TOTAL HOURS, 1500 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LOVELL DEPARTURE POINT STARKVILLE, MISS INTENDED DESTINATION CHATTANOOGA, TENN TYPE OF ACCIDENT WHEELS-UP PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR: NOSEWHEEL ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - PREVIOUS DAMAGE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SUSPECTED MECHANICAL DISCREPANCY REMARKS- NOSE GR ACTUATOR ASSY ATTACH BOLT FAILED. NO EVIDENCE OF BOLT BEING CHNGD. HIT CHUCK HOLE BFOR TKOF.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4134	11/4/73 TIME - 1835	MEMPHIS, TENN	PIPER PA-34 N56068 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 26, 860 TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MEMPHIS INTL DEPARTURE POINT BIRMINGHAM, ALA INTENDED DESTINATION NEWPORT, ARK TYPE OF ACCIDENT COLLIDED WITH: TREES LAST ENROUTE STOP MEMPHIS, TENN PHASE OF OPERATION LANDING: FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT MISCELLANEOUS ACTS, CONDITIONS - INSTRUMENTS-MISREAD OR FAILED TO READ FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST SKY CONDITION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE 1/2 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND DIRECTION-DEGREES 350 TYPE OF WEATHER CONDITIONS IFR CEILING AT ACCIDENT SITE 100 PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 61 WIND VELOCITY-KNOTS 2 TYPE OF FLIGHT PLAN IFR REMARKS- PLT OBSVD MOMENTARY GLIMPSES OF LGTS OUT OF WINDOW. HIT TREES 3MI SHORT OF RWY. LGTS WERE HOUSE LGTS						
3-0052	1/16/73 TIME - 2030	GARLAND, TEX	AEROSTAR 600 N7401S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 49, 6129 TOTAL HOURS, 553 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GARLAND DEPARTURE POINT HAYS, KANS INTENDED DESTINATION GARLAND, TEX TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- ACFT T/D ABT 120FT BEYOND THRESHOLD, RWY SLOPES UPWARD.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0397	3/5/73 TIME - 1615	SNYDER, TEX	PIPER PA-23 N330EC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTR., AGE 31, 2765 TOTAL HOURS, 125 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WINSTON FIELD DEPARTURE POINT INTENDED DESTINATION BIG SPRING, TEX SNYDER, TEX TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING: ROLL GEAR COLLAPSED LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- NO EVIDENCE OF BRAKE MALFUNCTION. 3 SKID MARKS ON RWY ABT 300FT IN LENGTH PRIOR TO END OF RWY.						
3-2599	9/4/73 TIME - 0554	PECOS, TEX	LOCKHEED L-18 N669M DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 56, 3290 TOTAL HOURS, 13 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - PECOS MUNICIPAL DEPARTURE POINT INTENDED DESTINATION PECOS, TEX UNKNOWN/NOT REPORTED TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF: RUN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PILOT IN COMMAND - EXERCISED POOR JUDGMENT FIRE AFTER IMPACT						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3628	11/2/73 TIME - 1000	EASTLAND,TEX	LOCKHEED 18 N984E DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 3	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 40, 12500 TOTAL HOURS, 350 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - EASTLAND MUNI DEPARTURE POINT INTENDED DESTINATION HOUSTON,TEX EASTLAND,TEX TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING: ROLL COLLIDED WITH: DITCHES LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL AIRFRAME - LANDING GEAR: WHEELS,TIRES,AXLES MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER REMARKS- L MLG TIRE BLOWOUT DURING LNDG ROLL-49 HRS TOT TIME ON RECAPPED TIRE,FAILED FOR UNDET REASON.						
3-3546	11/6/73 TIME - 2017	EULESS,TEX	CESSNA 310I N8077M DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL CORP/EXEC	PRIVATE, AGE 65, 23903 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - GREATER SOUTHWEST DEPARTURE POINT INTENDED DESTINATION CINCINNATI,OHIO DALLAS,TEX TYPE OF ACCIDENT LAST ENROUTE STOP COLLISION WITH GROUND/WATER: UNCONTROLLED PHASE OF OPERATION LANDING: FINAL APPROACH  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG INSTRUMENTS/EQUIPMENT AND ACCESSORIES - COMMUNICATIONS AND NAVIGATION EQUIPMENT: VOR RECEIVERS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OVERCAST 400 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3 MILES OR LESS NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 52 WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 80 8 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR REMARKS- NIGHT IFR ILS APCH TO ALTP.T.L TURN AFT OM INBD.BRIEF VHF-NAV RCVR PROBLEM ENROUTE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3643	12/3/73 TIME - 1934	COLEMAN, TEX	MITSUBISHI MU-2B N307MA DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 1 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTR., AGE 59, 15450 TOTAL HOURS, 2950 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - COLEMAN MUNI DEPARTURE POINT INTENDED DESTINATION DALLAS, TEX SAN ANGELO, TEX TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: OBJECT  PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION TERRAIN - OTHER FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - FAILURE OF TWO OR MORE ENGINES COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT-ON LAND REMARKS- HIT FENCE POSTS, DIRT PILES, TRAILER.						
3-0323	1/29/73 TIME - 1430	CHARLOTTESVILLE, VA	SWEARINGEN SA26AT N51L DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 47, 10599 TOTAL HOURS, 910 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CHARLOTTESVILLE DEPARTURE POINT INTENDED DESTINATION CHARLOTTESVILLE, VA WILMINGTON, NC TYPE OF ACCIDENT GEAR RETRACTED  LAST ENROUTE STOP HOUSTON, TEX PHASE OF OPERATION TAKEOFF: RUN  PROBABLE CAUSE(S) PILOT IN COMMAND - INADVERTENTLY RETRACTED GEAR REMARKS- LDG GR HANDLE FOUND IN UP PSN.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0117	2/17/73 TIME - 0859	BATTLE GRND, WASH	AERO COMDR 680F N69HE DAMAGE-DESTROYED INTENDED DESTINATION SEATTLE, WASH	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 33, 2000 TOTAL HOURS, 9 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT SALEM, OREG						
TYPE OF ACCIDENT AIRFRAME FAILURE: IN FLIGHT			PHASE OF OPERATION IN FLIGHT: UNCONTROLLED DESCENT			
PROBABLE CAUSE(S) PILOT IN COMMAND - SPATIAL DISORIENTATION PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						
FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT WEATHER - LOW CEILING WEATHER - RAIN WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
SKY CONDITION OVERCAST			CEILING AT ACCIDENT SITE 500			
VISIBILITY AT ACCIDENT SITE ZERO			PRECIPITATION AT ACCIDENT SITE RAIN SHOWERS			
OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			TYPE OF WEATHER CONDITIONS IFR			
TYPE OF FLIGHT PLAN IFR						
REMARKS- PLT DECLARED ICING PROB. WAS RET TO PORTLAND, BOTH OUTBD WGS AND HORIZ STABS SEP. LACKED INST REGENCY						
3-3177	10/8/73 TIME - 1330	FORKS, WASH	B-LL 47F-2 N5161B DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 45, 5407 TOTAL HOURS, 330 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT FORKS, WASH						
TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE: MAIN ROTOR COLLISION WITH GROUND/WATER: CONTROLLED			PHASE OF OPERATION IN FLIGHT: HOVERING LANDING: LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM: CLUTCH ASSEMBLY MISCELLANEOUS ACTS, CONDITIONS - IMPROPER CLEARANCE-TOLERANCE TERRAIN - ROUGH/UNEVEN EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- CLUTCH SHOES, PN 47-G20-609-05 WERE GLAZED. M/R SYSTEM WOULDNT ENGAGE. STUMP COVERED AREA.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3979	12/27/73 TIME - 1707	WALLA WALLA, WASH	PIPER PA-31 N66798 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTR., AGE 50, 25000 TOTAL HOURS, 529 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WALLA WALLA CNTY DEPARTURE POINT INTENDED DESTINATION SPOKANE, WASH WALLA WALLA, WASH TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER: CONTROLLED LANDING: FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - IMPROPER IFR OPERATION FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER - SNOW WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CEILING AT ACCIDENT SITE OBSCURATION 200 VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 3/4 MILE OR LESS SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F FOG 33 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN IFR IFR FIRE AFTER IMPACT REMARKS- DESCENT BELOW MDA, NIGHT IFR APCH, SINGLE PILOTED ACFT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2451	8/1/75 TIME - 1317	KOPPERSTON+W VA	BEECH D55 N1895A DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTR., AGE 47, 12000 TOTAL HOURS, 700 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT COLUMBUS, OHIO	INTENDED DESTINATION BECKLEY+W VA			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: UNCONTROLLED			PHASE OF OPERATION IN FLIGHT: OTHER	
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
PILOT IN COMMAND - MISJUDGED ALTITUDE						
PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS						
WEATHER - FOG						
FACTOR(S)						
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
TERRAIN - HIGH OBSTRUCTIONS						
WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
SKY CONDITION BROKEN				CEILING AT ACCIDENT SITE 2000		
VISIBILITY AT ACCIDENT SITE ZERO				PRECIPITATION AT ACCIDENT SITE RAIN SHOWERS		
OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG				WIND VELOCITY-KNOTS CALM		
TYPE OF WEATHER CONDITIONS IFR				TYPE OF FLIGHT PLAN IFR		
FIRE AFTER IMPACT						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0342	2/19/73 TIME - 0751	BROOKFIELD,WIS	CESSNA 421R N1536T DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0 OT- 0 1 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 53, 8389 TOTAL HOURS, 27 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - TIMMERMAN DEPARTURE POINT BROOKFIELD,WIS TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL: SPIN  PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM: FUEL INJECTION SYSTEM MISCELLANEOUS ACTS,CONDITIONS - OBSTRUCTED MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) WEATHER - LOW CEILING PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION OVERCAST VISIBILITY AT ACCIDENT SITE 4 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND DIRECTION-DEGREES 250 TYPE OF WEATHER CONDITIONS IFR FIRE AFTER IMPACT REMARKS- NRI CYL NOZZLE CORE,L ENG,PARTIALLY BLOCKED,DCRNG FUEL FLOW 18LBS/HR.OBSVRD SPINNING FRM OVC.						
INTENDED DESTINATION CENTERVILLE,OHIO  PHASE OF OPERATION IN FLIGHT: CLIMB TO CRUISE LANDING: FINAL APPROACH  CEILING AT ACCIDENT SITE 1100 PRECIPITATION AT ACCIDENT SITE RAIN TEMPERATURE-F 34 WIND VELOCITY-KNOTS 15 TYPE OF FLIGHT PLAN IFR						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1183	5/9/73 TIME - 1600	RIVERTON,WYO	CESSNA T210J N2280R DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 40, 4837 TOTAL HOURS, 800 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - RIVERTON DEPARTURE POINT DUROIS,WYO TYPE OF ACCIDENT WHEELS-UP	INTENDED DESTINATION RIVERTON,WYO	PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR FACTOR(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT MISCELLANEOUS ACTS,CONDITIONS - CHECKLIST-FAILED TO USE WEATHER - UNFAVORABLE WIND CONDITIONS WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALY CORRECT						
		SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TEMPERATURE-F 65 WIND VELOCITY-KNOTS 25 TYPE OF FLIGHT PLAN NONE		CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND LEFT QUARTERING HEAD WIND 293-337 DEGREES WIND DIRECTION-DEGREES 230 TYPE OF WEATHER CONDITIONS VFR		
REMARKS- PLT CONCERNED WITH L X-WIND GUSTING TO 45K.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1522	6/11/73 TIME - 1840	BAGGS,WYO	HUGHES 269A N8859F DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 22, 1253 TOTAL HOURS, 239 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT DAD,WYO	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT STALL: MUSH	PHASE OF OPERATION IN FLIGHT: LOW PASS			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
FACTOR(S) WEATHER - HIGH DENSITY ALTITUDE						
		SKY CONDITION BROKEN/LOWER SCATTERED	CEILING AT ACCIDENT SITE 25000			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F 66			
		WIND DIRECTION-DEGREES 30	WIND VELOCITY-KNOTS 10			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
3-3140	10/4/73 TIME - 1114	CASPER,WYO	BEECH 65A90 N100HM DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	ATR,FLIGHT INSTR., AGE 47, 11069 TOTAL HOURS, 213 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - NATRONA CNTY INTL DEPARTURE POINT CASPER,WYO	INTENDED DESTINATION BOISE, ID			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION GEAR COLLAPSED	PHASE OF OPERATION TAKEOFF: INITIAL CLIMB LANDING: ROLL			
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE,SERVICING,INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - ENGINE CONTROLS-COCKPIT: OTHER MISCELLANEOUS ACTS,CONDITIONS - DISCONNECTED AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE						
REMARKS- PWR CTL ARM NOT ENGAGED WITH FUEL CTL SHAFT.SAFETY WIRE MISSING.ACFT CROSSED TWO IRRIGATN DITCHES.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0013	3/3/73 TIME - 0700	CHARCAS,MEX	CESSNA 182P N21445 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL.INSTR., AGE 27, 691 TOTAL HOURS, 675 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION CHARCAS,MEX SAN LUIS POTOIS,MEX TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF: ABORTED COLLIDED WITH: TREES TAKEOFF: ABORTED EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT APPROACHING DARKNESS REMARKS- INVESTIGATION UNDER JURISDICTION OF GOVERNMENT OF MEXICO.						
6-0005	3/10/73 TIME - 1600	NR.OJINAGA,MEX	PIPER PA-32 N4138W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	ATR,FLIGHT INSTR., AGE 45, 14000 TOTAL HOURS, 400 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - OJINAGA DEPARTURE POINT INTENDED DESTINATION OJINAGA,MEX LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH: TREES LANDING: ROLL REMARKS- INVESTIGATION UNDER THE JURISDICTION OF THE GOVT OF MEXICO.						
6-0036	7/16/73 TIME - 1120	DHAHRAN,SAUD ARAB	DEHAVILLAND DHC-6 N660MA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 8	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 27, 2483 TOTAL HOURS, 292 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HAWIYAH DEPARTURE POINT INTENDED DESTINATION HARADH,SAUDI ARABIA DHAHRAN,SAUD ARAB TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING: ROLL REMARKS- INVEST UNDER THE JURISDICTION OF THE SAUDI ARABIAN GOV.						
6-0021	3/7/73 TIME - 1640	WEST END,BAHAMAS	BEECH 65 N956B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 4	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 36, 4413 TOTAL HOURS, 2000 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - WEST END INTL DEPARTURE POINT INTENDED DESTINATION WEST END,BAHAMAS WEST PALM BEACH,FLA TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR FAILURE: PROPELLER TAKEOFF: INITIAL CLIMB COLLIDED WITH: TREES LANDING: LEVEL OFF/TOUCHDOWN EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELPT. REMARKS- INVESTIGATION UNDER JURISDICTION OF THE GOV OF THE BAHAMAS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
6-0027	6/11/73	NR, STANIEL CAY, BHMAS	PIPER PA-23 N5218Y DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 43, 7500 TOTAL HOURS, 3896 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - STANIEL CAY DEPARTURE POINT INTENDED DESTINATION NASSAU, BAHAMAS STANIEL CAY, BHMAS TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER: CONTROLLED IN FLIGHT: LOW PASS REMARKS- INVESTIGATION UNDER THE JURISDICTION OF THE BAHAMIAN GOVERNMENT.						
3-0156	1/3/73	GULF OF MEXICO	BELL 47J-2 N73968 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 32, 3747 TOTAL HOURS, 344 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION WEST CAMERON BLK 194 CAMERON, LA TYPE OF ACCIDENT PHASE OF OPERATION PROPELLER/ROTOR FAILURE: MAIN ROTOR IN FLIGHT: CLIMB TO CRUISE HARD LANDING LANDING: POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) ROTORCRAFT - TRANSMISSION ROTOR DRIVE SYSTEM: FREE WHEEL UNIT MISCELLANEOUS ACTS/CONDITIONS - ELONGATED TERRAIN - ROUGH WATER FACTOR(S) MISCELLANEOUS ACTS/CONDITIONS - AIRCRAFT CAME TO REST IN WATER EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- SLIPPAGE OF FREE WHEELING UNIT. FLOAT EQUIPPED.						





EMBRY-RIDDLE AERO U. DAYTONA BEACH



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