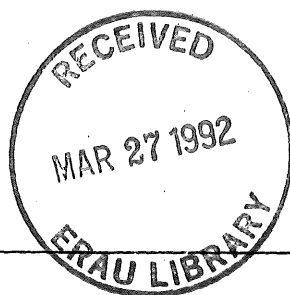


NATIONAL TRANSPORTATION SAFETY BOARD



249  
PB 202 940

# AIRCRAFT ACCIDENT REPORTS

## BRIEF FORMAT

### SUPPLEMENTAL ISSUE

1969 ACCIDENTS



**NATIONAL TRANSPORTATION SAFETY BOARD**  
**Washington, D. C. 20591**  
**REPORT NUMBER: NTSB-BA-71-2**

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63

# **AIRCRAFT ACCIDENT REPORTS**

**BRIEF FORMAT  
SUPPLEMENTAL ISSUE  
1969 ACCIDENTS**

## **FILE NUMBERS:**

**A-0002, 0003, E-0001 - 00026**

**3-0634, 0878, 1231, 1956, 3144**

**3-3717, 3756-3790, 4696-4728**

**NATIONAL TRANSPORTATION SAFETY BOARD**

**Washington, D. C. 20591**

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## FOREWORD

The National Transportation Safety Board, in accordance with the provisions of Section 5 (b) of the Department of Transportation Act of October 15, 1966, has determined the probable causes of the accidents reported herein.

This publication, containing reports of 108 accidents, is a supplemental issue for 1969. The accident reports contained in this issue were delayed pending supplemental data, additional study, or because of difficult areas in the investigation. Twenty-seven of the reports cover foreign registered aircraft accidents that occurred in the United States or its possessions.

The reports are reproduced directly from the coded record on magnetic tape by electronic data processing equipment. Due to spacing limitations a number of abbreviations are used. For the benefit of those readers not familiar with these abbreviations an interpretation of their meaning is included with explanatory notes on the following pages.

Collisions between aircraft are treated as one accident. A complete analysis and coding is done on each aircraft involved in collisions.

The Briefs of Accidents contain the essential items of information which fulfill the requirements of the majority of persons using these reports. However, for those having a need for more detailed information the original factual reports on each accident are on file in the Washington Office of the National Transportation Safety Board. Upon request, these reports will be reproduced commercially at an average cost of 15¢ per page for printed matter and 58¢ per page for photographs, plus postage. (Minimum Charge \$1.00).

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September 1971

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## EXPLANATORY NOTES

### GENERAL AVIATION

General Aviation refers to the operations of U. S. Aircraft owned and operated by persons, corporations, etc., other than those engaged in air carrier operations authorized by a certificate of public convenience and necessity, issued by the Civil Aeronautics Board.

### U. S. AIR CARRIER

As used in these reports, those operators who have been issued a certificate of public convenience and necessity by the Civil Aeronautics Board. Due to the small number of Air Carrier accidents, in relation to the General Aviation accidents, not every issue of Briefs will contain this section.

### AIRCRAFT ACCIDENT

The accidents included herein are the occurrences incident to flight in which, "as a result of the operation of an aircraft, any person (occupant or nonoccupant) receives fatal or serious injury or any aircraft receives substantial damage." The total number of accidents shown in this publication should not be compared with the total number of accidents for any year prior to 1968. This is because of the effect of an amendment to Section 430.2 of Part 430 of the National Transportation Safety Board's Regulations, effective January 1, 1968. The change which influenced the decrease in the number of total accidents was to "substantial damage" to aircraft of 12,500 pounds maximum certificated takeoff weight or less, as follows:

Prior to January 1, 1968, the definition of substantial damage was:

- (1) Except as provided in subparagraph (2) of this paragraph:
  - (i) Substantial damage in aircraft of 12,500 pounds maximum certificated takeoff weight or less means damage or structural failure reasonably estimated to cost \$300 or more to repair.
  - (ii) Substantial damage in aircraft of more than 12,500 pounds maximum certificated takeoff weight means damage or structural failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repairs or replacement of the affected component.
- (2) Engine failure, damage limited to an engine, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, taxiing damage to propeller blades, damage to tires, engine accessories, brakes or wingtips are not considered "substantial damage" for the purpose of this part.

## EXPLANATORY NOTES

### AIRCRAFT ACCIDENT (con't)

The amendment, however, changed the definition of substantial damage. Effective January 1, 1969, the definition of substantial damage was changed to read:

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

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

### INJURY INDEX

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

### TYPE OF ACCIDENT

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

#### Gear Collapsed

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

#### Gear Retracted

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

#### Airframe Failure

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

## EXPLANATORY NOTES

### TYPE OF ACCIDENT(con't)

#### Engine Failure/Malfunction

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

### PHASE OF OPERATION

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

### KIND OF FLYING

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

1. Instructional Flying  
Refers to flying accomplished in supervised training under the direction of an accredited instructor.
2. Noncommercial Flying  
Refers to the use of an aircraft for purposes of pleasure, personal transportation or in connection with a private business, in corporate/executive operations, and in other operations, wherein there is no direct monetary fee charged. It includes the following categories:

#### Pleasure

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

#### Business

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

#### Corporate/Executive Operations

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



## EXPLANATORY NOTES

### KIND OF FLYING (CONT'D)

#### 3. Commercial Flying

Commercial flying includes all general aviation flying normally conducted for direct financial return, except instructional flying. It includes air taxi operations, aerial application, fire control, aerial mapping or photography, aerial advertising, power/pipeline patrol and fish spotting.

#### 4. Miscellaneous Flying

Includes other kinds of flying not covered under the other three broad categories. In some instances the criterion of direct financial return may or may not be present.

### COLLISION BETWEEN AIRCRAFT

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

### 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.

## EXPLANATORY NOTES

### SMALL FIXED-WING AIRCRAFT

Aircraft which have a certificated maximum gross takeoff weight of 12,500 pounds, or less.

### LARGE FIXED-WING AIRCRAFT

Aircraft which have a certificated maximum gross takeoff weight in excess of 12,500 pounds.

### ROTORCRAFT

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

### TYPES OF WEATHER CONDITIONS

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

LIST OF ABBREVIATIONS USED IN BRIEFS

ABBREVIATIONS

AERIAL ADVERTISE  
AERIAL APPLIC  
AIR SHOW/RACING  
AIR TAXI - CARGO  
AIR TAXI - PASSG  
ASSOC FIRE CTL  
CARGO NS-D  
CARGO NS-I  
CARGO S-D  
CARGO S-I  
CONSTRUCTION  
CORP/EXEC  
CR-  
CTR CARGO - D  
CTR CARGO - I  
CTR PASSG - D  
CTR PASSG - I  
MAPPING/PHOTO  
MIL/CTR CARGO  
MIL/CTR CARGO D  
MIL/CTR CARGO I  
MIL/CTR PASSG  
MIL/CTR PASSG D  
MIL/CTR PASSG I  
NS CTR CARGO  
NS CTR PASSG  
OT-  
OTHER PUBLIC  
PARAJUMP  
PASSG NS-D  
PASSG NS-I  
PASSG S-D  
PASSG S-I  
PX-  
SCHD CARGO SRV  
SCHD PASSG SRV  
TIME  
WBP  
FSP

MEANING

AERIAL ADVERTISING  
AERIAL APPLICATION  
AIR SHOW/AIR RACING  
AIR TAXI - CARGO OPERATIONS  
AIR TAXI - PASSENGER OPERATIONS  
ASSOCIATED FIRE CONTROL ACTIVITIES  
NONSCHEDULED/CHARTER REVENUE CARGO - DOMESTIC  
NONSCHEDULED/CHARTER REVENUE CARGO - INTERNATIONAL  
SCHEDULED DOMESTIC CARGO SERVICE  
SCHEDULED INTERNATIONAL CARGO SERVICE  
CONSTRUCTION WORK  
CORPORATE/EXECUTIVE  
CREW  
CONTRACT CHARTER - CARGO - DOMESTIC  
CONTRACT CHARTER - CARGO - INTERNATIONAL  
CONTRACT CHARTER - PASSENGER - DOMESTIC  
CONTRACT CHARTER - PASSENGER - INTERNATIONAL  
AERIAL MAPPING PHOTOGRAPHY  
MILITARY CONTRACT - CARGO  
MILITARY CONTRACT - CARGO - DOMESTIC  
MILITARY CONTRACT - CARGO - INTERNATIONAL  
MILITARY CONTRACT - PASSENGER  
MILITARY CONTRACT - PASSENGER - DOMESTIC  
MILITARY CONTRACT - PASSENGER - INTERNATIONAL  
NONSCHEDULED/CHARTER REVENUE CARGO - INTRA-STATE CARRIER  
NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE CARRIER  
OTHER AIRCRAFT AND GROUND  
ALL OTHER PUBLIC FLYING  
PARACHUTE JUMP  
NONSCHEDULED/CHARTER REVENUE PASSENGER - DOMESTIC  
NONSCHEDULED/CHARTER REVENUE PASSENGER - INTERNATIONAL  
SCHEDULED DOMESTIC PASSENGER SERVICE  
SCHEDULED INTERNATIONAL PASSENGER SERVICE  
PASSENGER  
SCHEDULED CARGO SERVICE  
SCHEDULED PASSENGER SERVICE  
LOCAL STANDARD TIME OF ACCIDENT  
WEATHER BUREAU PERSONNEL  
FLIGHT SERVICE PERSONNEL

CORRECTIONS TO PREVIOUS BRIEFS OF ACCIDENTS

U. S. CIVIL AVIATION

FILE NUMBER 2-1041, ISSUE NO. 10, 1967 ACCIDENT 7/1/67 VIBURNUM, MO., N74333, BELLANCA 14-13-2.

Information recently received relating to this accident reveals that the injuries should be amended to read:

	F	S	M/W
CR	1	0	0
PX	2	1	0

FILE NUMBER 1-0038, ISSUE NO. 3, 1969 ACCIDENT 7/23/69 W. PACIFIC OCEAN, N8635 SW, DOUGLAS DC 8-63.

Further review of the facts, conditions and circumstances relating this accident indicates that the turbulence encountered was in the vicinity of clouds and thunderstorms. Therefore that portion of the probable cause relating to weather should be amended to read:

WEATHER - TURBULENCE IN FLIGHT, ASSOCIATED W/CLOUDS, THUNDERSTORMS.

FILE NUMBERS 3-4216 - ISSUE NO. 6, 3-4221 - ISSUE NO. 6, 3-4636 - ISSUE NO. 7 1968 ACCIDENTS

The following three (3) briefs of accidents are 1968 records of missing aircraft which were published in previous publications with cause/factor as Undetermined. Subsequent recovery, investigation, and evaluation has resulted in the following amendments:

3-4216	6/22/68 NR.POTLATCH, ID	BEECH G35	CR- 1 0 0	COMMERCIAL	COMMERCIAL, AGE 29, 1077
	TIME - 0727	N4497D	PX- 2 0 0	AIR TAXI-PASSE	TOTAL HOURS, 14C IN TYPE,
		DAMAGE-DESTROYED			INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION			
	SPOKANE, WASH	OROFINO, ID			
	TYPE OF ACCIDENT			PHASE OF OPERATION	
	COLLISION WITH GROUND/WATER: UNCONTROLLED			IN FLIGHT: UNCONTROLLED DESCENT	
	PROBABLE CAUSE				
	PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS				
	PILOT IN COMMAND - SPATIAL DISORIENTATION				
	FACTOR				
	PILOT IN COMMAND - PHYSICAL IMPAIRMENT				
	MISCELLANEOUS ACTS/CONDITIONS - PILOT FATIGUE				
	WEATHER - LOW CEILING				
	WEATHER BRIEFING - OTHER				
	WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT				
	MISSING AIRCRAFT - LATER RECOVERED				
	SKY CONDITION			CEILING AT ACCIDENT SITE	
	UNKNOWN/NOT REPORTED			UNKNOWN/NOT REPORTED	
	VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE	
	UNKNOWN/NOT REPORTED			UNKNOWN/NOT REPORTED	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TYPE OF WEATHER CONDITIONS	
	UNKNOWN/NOT REPORTED			VFR	
	TYPE OF FLIGHT PLAN				
	NONE				
	REMARKS- RECOVERY DATE 4/27/65. PLT HAD MADE 11 HR XC WITHOUT REST PRIOR TO FLT. WEA BRIEF BY COMPANY OFFCL				

CONNECTIONS TO PREVIOUS BRIEFS OF ACCIDENTS

U. S. CIVIL AVIATION

3-4221	11/13/68	MOAB, UT	BEECH 35 N27CCV	CR- 1 0 0 NONCOMMERCIAL PX- 1 0 0 BUSINESS	PRIVATE, AGE 75, 447 TOTAL HOURS, UNK/NA IN TYPE, INSTRUMENT RATED.
TIME - 1515		DAMAGE-DESTROYED			
TYPE OF ACCIDENT			PHASE OF OPERATION		
COLLISION WITH GROUND/WATER: CONTROLLED			IN FLIGHT: NORMAL CRUISE		
PROBABLE CAUSE					
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS					
FACTOR					
WEATHER - LOW CEILING					
WEATHER - SNOW					
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON					
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT					
MISSING AIRCRAFT - LATER RECOVERED					
SKY CONDITION			CEILING AT ACCIDENT SITE		
OVERCAST			1500		
VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE		
5 OR OVER			SNOW SHOWERS		
TEMPERATURE-F			WIND DIRECTION-DEGREES		
42			100		
WIND VELOCITY-KNOTS			TYPE OF WEATHER CONDITIONS		
8			VFR		
TYPE OF FLIGHT PLAN					
VFR					
REMARKS- RECOVERY DATE-6/30/69.TOTAL RECORDED ACTUAL INST TIME 3 HRS.HIT SIDE OF MT.					
3-4636	12/28/68	WELLINGTON, NEV	PIPER PA-32 N411SR	CR- 1 0 0 NONCOMMERCIAL PX- 2 0 0 PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 64 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.
TIME - 0945		DAMAGE-DESTROYED			
DEPARTURE POINT		INTENDED DESTINATION		LAST ENROUTE STOP	
SANTEE, CALIF		RENO, NEV		ONTARIO, CALIF	
TYPE OF ACCIDENT				PHASE OF OPERATION	
AIRFRAME FAILURE: IN FLIGHT				IN FLIGHT: OTHER	
PROBABLE CAUSE					
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS					
PILOT IN COMMAND - SPATIAL DISORIENTATION					
PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT					
AIRFRAME - WINGS: SPARS					
MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE					
WEATHER - LOW CEILING					
WEATHER - SNOW					
WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC.					
WEATHER - TURBULENCE, ASSOCIATED W/ CLOUDS, THUNDERSTORMS					
WEATHER - DOWNDRAFT, UPDRAFTS					
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE					
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT					
MISSING AIRCRAFT - LATER RECOVERED					
SKY CONDITION			CEILING AT ACCIDENT SITE		
UNKNOWN/NOT REPORTED			UNKNOWN/NOT REPORTED		
VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE		
UNKNOWN/NOT REPORTED			SNOW		
OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TYPE OF WEATHER CONDITIONS		
UNKNOWN/NOT REPORTED			IFR		
TYPE OF FLIGHT PLAN					
NONE					
REMARKS- A WING SEPARATED IN FLIGHT.RECOVERY DATE 6/7/69.					

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON D. C. 20591

BRIEFS OF ACCIDENTS

SUPPLEMENTAL ISSUE

1969

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
A-0002	6/23/69 TIME - 1442	MIAMI, FLA	DOUGLAS C-54D MI-16B DAMAGE-DESTROYED	CR- 3 0 0 PX- 1 0 0 OT- 6 1 11	NS/CTR REVENUE CARGO INTL	AIRLINE TRANSPORT, AGE 42, 13736 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MIAMI INTL						
OPERATOR - OTHER						
DEPARTURE POINT						
MIAMI, FLA						
INTENDED DESTINATION						
SANTA DOMINGO, DOMINI						
TYPE OF ACCIDENT						
ENGINE FAILURE OR MALFUNCTION						
COLLIDED WITH: BUILDING(S)						
PHASE OF OPERATION						
TAKEOFF: INITIAL CLIMB						
LANDING: TRAFFIC PATTERN-CIRCLING						
PROBABLE CAUSE(S)						
MISC - CONFUSED ACTION BY CREW FOLLOWING ENG FAILURE						
PILOT IN COMMAND - SPONTANEOUS-IMPROPER ACTION						
MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEDURES						
MISCELLANEOUS ACTS, CONDITIONS - FEATHERED WRONG ENGINE						
POWERPLANT - ENGINE STRUCTURE: OTHER						
MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE						
MISCELLANEOUS ACTS, CONDITIONS - FAILURE OF TWO OR MORE ENGINES						
FACTOR(S)						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G.						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
FIRE AFTER IMPACT						
REMARKS- NR 2 ENG FAILED, CREW FEATH NR 4, OVR MAX CROSS WT						
A-0003	4/13/69 TIME - 1945	E BOSTON, MASS	DOUGLAS DC-8 I-DIWH DAMAGE-NONE	CR- 0 0 12 PX- 0 1 96	SCHED INTERNATL PASSG SRV	CERTIFICATE OTHER, AGE 49, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
NAME OF AIRPORT - LOGAN						
OPERATOR - ALITALIA						
TYPE OF ACCIDENT						
MISCELLANEOUS						
PHASE OF OPERATION						
STATIC: PARKED-ENGINES NOT OPERATING						
PROBABLE CAUSE(S)						
PERSONNEL - MISCELLANEOUS-PERSONNEL: PASSENGER						
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT						
REMARKS- FLT DIVERTED TO BOSTON DUE TO REPORTED BOMB ON ACFT. PX FELL WHILE EVACUATING ACFT BY CHUTE.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0001	1/15/69 TIME - 1610	NORTHBROOK, ILL	PIPER PA-30 OV05G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATR, FLIGHT INSTR., AGE 32, 6000 TOTAL HOURS, 7 IN TYPE, IN TRUMENT RATED.
NAME OF AIRPORT - SKY HARBOR TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH: SNOWBANK			PHASE OF OPERATION LANDING: ROLL LANDING: ROLL			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: SNOW ON RUNWAY						
E-0002	2/8/69 TIME - 1250	ERIE, PA	CESSNA 190 CF-LGL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 34, 2500 TOTAL HOURS, 15 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ERIE 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 PILOT IN COMMAND - MISJUDGED SPEED FACTOR(S) MISCELLANEOUS ACTS/CONDITIONS - OVERLOAD PAYLOAD REMARKS- LOST CTL DURING EXPEDITIOUS TURN OFF RWY.						
E-0003	3/28/69 TIME - 1230	BENSON, ARIZ	CESSNA 150H XB-GOA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 26, 80 TOTAL HOURS, ALL IN TYPE, UNK/NR INSTRUMENT RATED.
NAME OF AIRPORT - BENSON TYPE OF ACCIDENT COLLIDED WITH: DITCHES			PHASE OF OPERATION LANDING: ROLL			
PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - BECAME LOST/DISORIENTED EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0000	4/4/69 TIME - 1240	SIDNEY, NY	CESSNA 172 CF-JBS DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 38, 71 TOTAL HOURS, 19 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - SIDNEY				
		TYPE OF ACCIDENT		PHASE OF OPERATION		
		OVERSHOOT		LANDING: LEVEL OFF/TOUCHDOWN		
		COLLIDED WITH: FENCE, FENCEPOSTS		LANDING: ROLL		
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - BECAME LOST/DISORIENTED				
		PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED				
		PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				
		FACTOR(S)				
		MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND				
		EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT				
		LOW ON FUEL				
		REMARKS- PLT SAID HE WAS EXCITED AND UPSET DUE TO BEING LOST. WIND 15K.				
E-0005	3/28/69 TIME - 1520	ALBANY, OREG	MOONEY M20A CF-LYN DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 45, 175 TOTAL HOURS, 100 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - ALBANY				
		TYPE OF ACCIDENT		PHASE OF OPERATION		
		STALL; MUSH		LANDING: OTHER		
		PROBABLE CAUSE(S)				
		MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION				
		PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED				
		REMARKS- OVERTAKING ANOTHER ACFT ON FINAL APPCH. PULLED UP SHARPLY TO AVOID ACFT AND STALLED.				
E-0006	4/17/69 TIME - 1045	MARYSVILLE, MICH	BEECH J35 CF-SHU DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 49, 90 TOTAL HOURS, 14 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - ST. CLAIR COUNTY				
		TYPE OF ACCIDENT		PHASE OF OPERATION		
		OVERSHOOT		LANDING: LEVEL OFF/TOUCHDOWN		
		GROUND-WATER LOOP-SWERVE		LANDING: ROLL		
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED				
		PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				
		AIRFRAME - LANDING GEAR; BRAKING SYSTEM (NORMAL SYSTEM)				
		MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE				
		FACTOR(S)				
		PILOT IN COMMAND - MISUSED OR FAILED TO USE FLAPS				
		MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND				
		REMARKS- LANDED HALF WAY DOWN RWY. TAILWIND 14K. NO FLAP LNDG. RT BRAKE DISC SEPARATED FROM WHEEL.				



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0007	3/21/69 TIME - 2031	JACKSONVILLE, FLA	PIPER PA-23 CF-018 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 45, 1200 TOTAL HOURS, 550 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - JACKSONVILLE						
TYPE OF ACCIDENT			PHASE OF OPERATION			
GEAR RETRACTED			LANDING: LEVEL OFF/TOUCHDOWN			
PROBABLE CAUSE(S)						
AIRFRAME - LANDING GEAR: NOSE WHEEL ASSEMBLIES						
MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE						
FACTOR(S)						
MISCELLANEOUS ACTS, CONDITIONS - LANDED ON FLAMED RUNWAY						
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT						
SUSPECTED MECHANICAL DISCREPANCY						
REMARKS- NOSE GA UPPER DRAG LINK P/N 19045-00 FAILED.						
E-0008	4/5/69 TIME - 1355	MILFORD, UT	PIPER PA-20 CF-NJQ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 33, 425 TOTAL HOURS, 99 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MILFORD						
TYPE OF ACCIDENT			PHASE OF OPERATION			
NOSE OVER/DOWN			TAXI: FROM LANDING			
PROBABLE CAUSE(S)						
PILOT IN COMMAND - TAXIED/PARKED WITHOUT PROPER ASSISTANCE						
WEATHER - UNFAVORABLE WIND CONDITIONS						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
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			68			
WIND DIRECTION-DEGREES			WIND VELOCITY-KNOTS			
220			30			
TYPE OF WEATHER CONDITIONS			TYPE OF FLIGHT PLAN			
VFR			VFR			
REMARKS- WINDS 30K GUSTING TO 36K.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0009	5/15/69	GREENVILLE, TEX	BEECH 65 XB-HIL DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 3	NONCOMMERCIAL BUSINESS	CERTIFICATE OTHER, AGE 25, 284 TOTAL HOURS, 67 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MAJOR FIELD TYPE OF ACCIDENT WHEELS-UP PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC. EQUIPMENT MISCELLANEOUS ACTS, CONDITIONS - ELECTRICAL FAILURE REMARKS- ALTERNATORS NOT TURNED ON CAUSED ELECTRICAL SYSTEM MALFUNCTION.						
PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN						
E-0010	5/7/69	PITTSBURGH, PA	CESSNA 150 CF-WIU DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 56, 142 TOTAL HOURS, 26 IN TYPE, NOT INSTRUMENT RATED.
TYPE OF ACCIDENT COLLIDED WITH: TREES PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - BECAME LOST/DISORIENTED PILOT IN COMMAND - MISJUDGED ALTITUDE WEATHER - LOW CEILING WEATHER - RAIN WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONNEL, IN PERSON 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 UNKNOWN/NOT REPORTED TYPE OF FLIGHT PLAN VFR REMARKS- PLT ENCOUNTERED UNFORECAST WX CONDITIONS OVER MOUNTAINOUS TERRAIN.						
CEILING AT ACCIDENT SITE 2000 PRECIPITATION AT ACCIDENT SITE SNOW TYPE OF WEATHER CONDITIONS IFR						
E-0011	5/23/69	BEAUMONT, TEX	CESSNA 310B AC-SAF DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1	NONCOMMERCIAL BUSINESS	CERTIFICATE OTHER, AGE 35, 5285 TOTAL HOURS, 805 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - JEFFERSON COUNTY TYPE OF ACCIDENT WHEELS-UP PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO EXTEND LANDING GEAR FACTORS(S) MISCELLANEOUS ACTS, CONDITIONS - CHECKLIST-FAILED TO USE REMARKS- RILEY CONVERSION, PROFICIENCY CHECK FLT.						
PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0012	5/22/69 TIME - 1400	SAC CITY, IOWA	CESSNA 310 CF-KUL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL BUSINESS	CERTIFICATE OTHER, AGE 47, 8100 TOTAL HOURS, 2300 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SAC CITY TYPE OF ACCIDENT WHEELS-UP  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - CHECKLIST-FAILED TO USE AIRFRAME - LANDING GEAR: SWITCHES, LEVERS, CRANKING MECHANISM, ETC. REMARKS- LNDG GR SELECTOR SWITCH FAULTY AT DEYENT.						
PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN						
E-0013	5/31/69 TIME - 1000	MIDDLEBURY, VT	BEECH 23 CF-SKA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 45, 507 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MIDDLEBURY TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						
PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: ROLL						
E-0014	8/1/69 TIME - 1900	HAMCOCK, MICH	CESSNA 210 CF-MLR DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 42, 807 TOTAL HOURS, 6 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HOUGHTON COUNTY TYPE OF ACCIDENT GEAR RETRACTED  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR: NOSEWHEEL ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - DISCONNECTED PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION REMARKS- CLEVIS ASSEMBLY P/N 1243044-1 FOUND DISCONNECTED						
PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0015	7/30/69 TIME - 1410	GLEN PARK, IND	SPORT-AIRE 11 CF-WQF DAMAGE-DESTRUCTED	CP- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 44, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT CHATHAM, ONTARIO, CAN	INTENDED DESTINATION ROCKFORD, ILL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL: SPIN	PHASE OF OPERATION IN FLIGHT: OTHER LANDING: OTHER			
<p>PROBABLE CAUSE(S)</p> <p>POWERPLANT - ENGINE STRUCTURE: CRANKSHAFT MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- CRANKSHAFT BROKE AND SEPARATED IN FILLET AREA WHERE NR 2 CYL CRANKPIN WAS ATTACHED.</p>						
E-0016	5/19/69 TIME - 1355	FT. PIERCE, FLA	MUONEY M20F CF-SAB DAMAGE-SUBSTANTIAL	CP- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 450 TOTAL HOURS, 140 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - ST. LUCIE COUNTY DEPARTURE POINT CHARLOTTE, NC	INTENDED DESTINATION MIAMI, FLA			
		TYPE OF ACCIDENT WHEELS-UP	PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN			
<p>PROBABLE CAUSE(S)</p> <p>PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED MISCELLANEOUS ACTS, CONDITIONS - ELECTRICAL FAILURE PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT REMARKS- EXCESSIVELY LOOSE GROUND WIRE ON GROUND POST OF ALTERNATOR.</p>						
F-0017	7/12/69 TIME - 1900	HARRSDSBURG, KY	PIPER PA-25 XB-VUU DAMAGE-SUBSTANTIAL	CP- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	ATR, FLIGHT INSTR., AGE 53, 15860 TOTAL HOURS, 75 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT PORTSMOUTH, OHIO	INTENDED DESTINATION HARRSDSBURG, KY			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: DITCHES	PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE LANDING: ROLL			
<p>PROBABLE CAUSE(S)</p> <p>POWERPLANT - MISCELLANEOUS: POWER, ANY FAILURE FOR UNDETERMINED REASONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/W	FLIGHT PURPOSE	PILOT DATA
E-0018	1/3/69 TIME - 0918	ST. PETERSBURG, FLA	HAWKER-SOLY 125-3A CF-KCI DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 8	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 36, 5200 TOTAL HOURS, 1572 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ST. PETERSBURG DEPARTURE POINT INTENDED DESTINATION MIAMI, FLA ST. PETERSBURG, FLA TYPE OF ACCIDENT PHASE OF OPERATION UNDERSHOOT LANDING: FINAL APPROACH COLLIDED WITH: OBJECT LANDING: ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE REMARKS- LANDED 55 FT SHORT, STRUCK RWY LIP.						
E-0019	9/4/69 TIME - 0743	LORING AFB, ME	AERO COMOR 720 CF-SJA DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 2 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 35, 3475 TOTAL HOURS, 77 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - LORING AFBASE DEPARTURE POINT INTENDED DESTINATION ST. LEONARD, CAN GRAND FALLS, CAN TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED TAKEOFF: RUN WHEELS-UP LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL WHEELS-UP MISCELLANEOUS ACTS, CONDITIONS - PREVIOUS DAMAGE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT MISCELLANEOUS ACTS, CONDITIONS - LANDED ON FOAMED RUNWAY MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SUSPECTED OR KNOWN AIRCRAFT DAMAGE REMARKS- R GR DAMAGED, SEPARATED FROM ACFT ON PREVIOUS T/O FROM STRIP UNDER CONSTRUCTION.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0020	8/23/69 TIME - 1345	FORT GAINES, GA	CESSNA 172 CF-RMT DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 50, 849 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT LANETT, ALA	INTENDED DESTINATION ALBANY, GA	PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: ROLL		
		TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH: DITCHES				
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED FACTOR(S) MISCELLANEOUS ACTS/CONDITIONS - DOWNDRAFT EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT ADVERSE/UNFAVORABLE WEATHER REMARKS- LNDG ON 1600FT PAVED ROAD.						
E-0021	8/24/69 TIME - 0815	NR. OROVILLE, WASH	STINSON 10A CF-WCJ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE 25, 46 TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT OROVILLE, WASH	INTENDED DESTINATION BONNERS FERRY, ID	PHASE OF OPERATION IN FLIGHT: OTHER		
		TYPE OF ACCIDENT STALL: MUSH				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- ATTEMPTED TO HEAD ON COURSE WITHOUT GAINING SUFFICIENT ALT FOR TERRAIN. DIDNT HAVE STALLS IN CX OUT						
E-0022	8/27/69 TIME - 0840	CLEARLAKE OAK, CAL	AERO COMDR 680FLP CF-YTG DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL CORP/EXEC	CERTIFICATE OTHER, AGE 53, 6164 TOTAL HOURS, 161 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - HIGH VALLEY RANCH	INTENDED DESTINATION CLEARLAKE OAK, CAL	PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN		
		DEPARTURE POINT MARIN COUNTY APT, CAL				
		TYPE OF ACCIDENT HARD LANDING				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS REMARKS- 60 FT TREES 135 FT FROM END OF RWY.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0023	7/23/69 TIME - 1111	WENATCHEE, WIS	DEHAVILLAND DMC-7 CF-MGS DAMAGE-DESTROYED	CR- 0 0 1 PX- 1 0 0	COMMERCIAL AIR TAXI-PASSE	CERTIFICATE OTHER, AGE 25, 1475 TOTAL HOURS, 151 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - PANGBORN DEPARTURE POINT NANAIMO, BC TYPE OF ACCIDENT HARD LANDING NOSE OVER/DOWN  INTENDED DESTINATION WENATCHEE, WIS  LAST ENROUTE STOP FRIDAY HARBOR, WASH PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - INHOPER LEVEL OFF FACTORS(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL: DEFICIENCY, COMPANY MAINTAINED EQPMT, SERVICES, REGULATION PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING TERRAIN - OTHER REMARKS- FLOAT EQUIPPED. LND ON SHIFT RIVER. OP DISPATCHED FLT INTO AREA WITH NO DOCKING FACIL. PX DROWNED.						
E-0024	7/21/69 TIME - 1115	BETHANY, OKLA	AERO COMDR 500S XB-KAD DAMAGE-SUBSTANTIAL	CR- 0 0 3 PX- 0 0 1	MISCELLANEOUS TEST	CERTIFICATE OTHER, AGE 33, 715 TOTAL HOURS, 2 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WILEY POST DEPARTURE POINT BETHANY, OKLA TYPE OF ACCIDENT GEAR RETRACTED  INTENDED DESTINATION BETHANY, OKLA  PHASE OF OPERATION TAKEOFF: RUN  PROBABLE CAUSE(S) PILOT IN COMMAND - RETRACTED GEAR PREMATURELY FACTORS(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- CONT T/O, RET AND LANDED OK.						
E-0025	12/28/69 TIME - 1435	CHARLOTTE, NC	MOONEY M20C CF-PZM DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE OTHER, AGE UNK/NR, 800 TOTAL HOURS, 700 IN TYPE, NOT INSTRU- MENT RATED.
NAME OF AIRPORT - CARPENTER DEPARTURE POINT WEST PALM BEACH, FLA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: FENCE, FENCEPOSTS  INTENDED DESTINATION CHARLOTTE, NC  PHASE OF OPERATION IN FLIGHT: DESCENDING LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - MISCALCULATED FUEL CONSUMPTION MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
E-0026	5/9/69 TIME - 1500	SUMAS, WASH	GRUMMAN TBM CF-KCJ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC FIRE CTL ACTIVITY	CERTIFICATE OTHER, AGE 40, 4650 TOTAL HOURS, 630 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ABBOTSFORD, BC, CANADA	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT: PROCEDURE TURNAROUND LANDING: FINAL APPROACH		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: TREES				
PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS/CONDITIONS - FUEL STARVATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PRACTICE SPRAYING MISSION.						
3-0634	4/4/69 TIME - 0950	EMPORIA, VA	CESSNA 172 N2C72V DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 180 TOTAL HOURS, 87 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - EMPORIA	INTENDED DESTINATION MERRITT ISLAND, FLA	LAST ENROUTE STOP RALEIGH-DURHAM, NC		
		DEPARTURE POINT MIDDLETOWN, DEL		PHASE OF OPERATION IN FLIGHT: UNCONTROLLED DESCENT		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: UNCONTROLLED				
PROBABLE CAUSE PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - SPATIAL DISORIENTATION FACTOR WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED						
		SKY CONDITION UNKNOWN/NOT REPORTED	CEILING AT ACCIDENT SITE 2000			
		VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS	PRECIPITATION AT ACCIDENT SITE RAIN SHOWERS			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	TYPE OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN NONE				
REMARKS- RECOVERY DATE 9/1/69. ACFT IMPACTED AT STEEP ANGLE.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S N/A	FLIGHT PURPOSE	PILOT DATA
9-0878	1/4/69	NR. HONAN, MONT TIME - 1656	CESSNA 172H N8086L DAMAGE-DESTROYED	CR- 1 0 0 PR- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRAMS	PRIVATE, AGE 35, 135 TOTAL HOURS, 73 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT POLSON, MONT	INTENDED DESTINATION BILLINGS, MONT	LAST ENROUTE STOP UNKNOWN/NOT REPORTED		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED		PHASE OF OPERATION IN FLIGHT: DESCENDING		
PROBABLE CAUSE PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS FACTOR WEATHER - RAIN WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC. TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS,CONDITIONS - FATIGUE FRACTURE WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED						
		SKY CONDITION UNKNOWN/NOT REPORTED		CEILING AT ACCIDENT SITE 7000		
		VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED		PRECIPITATION AT ACCIDENT SITE RAIN		
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED		TEMPERATURE-F 28		
		TYPE OF WEATHER CONDITIONS UNKNOWN/NOT REPORTED		TYPE OF FLIGHT PLAN NONE		
REMARKS- RECOVERY DATE-8/6/69.PLT HAD BEEN WITHOUT SLEEP F 27 HRS.MIT SIDE OF MT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S P/A	FLIGHT PURPOSE	PILOT DATA
3-1231	4/23/69	BROTHERS, OREG	BEECH K35 N9556R DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 30, UNK/WR TOTAL HOURS, UNK/WR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT LAKEVIEW, OREG	INTENDED DESTINATION EVERETT, WASH			
		TYPE OF ACCIDENT AIRFRAME FAILURE: IN FLIGHT COLLISION WITH GROUND/WATER: UNCONTROLLED	PHASE OF OPERATION IN FLIGHT: OTHER IN FLIGHT: UNCONTROLLED DESCENT			
PROBABLE CAUSE						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL						
PILOT IN COMMAND - CONTINUED FLIGHT INTO KNOWN AREAS OF SEVERE TURBULENCE						
PILOT IN COMMAND - SPATIAL DISORIENTATION						
PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT						
WEATHER - LOW CEILING						
WEATHER - SNOW						
WEATHER BRIEFING - NO BRIEFING RECEIVED						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
MISSING AIRCRAFT - LATELY RECOVERED						
SKY CONDITION OBSCURATION			CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
VISIBILITY AT ACCIDENT SITE UNKNOWN/NOT REPORTED			PRECIPITATION AT ACCIDENT SITE SNOW			
OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED			TYPE OF WEATHER CONDITIONS IFR			
TYPE OF FLIGHT PLAN NONE						
REMARKS- RECOVERY DATE 7/20/69. L STABILIZER AND WING SEPARATED IN FLIGHT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S P/A	FLIGHT PURPOSE	PILOT DATA
3-1956	2/12/69	GATLINBURG, TENN	CESSNA 182C	CR- 1 0 0	NONCOMMERCIAL	COMMERCIAL, AGE 44, 850
	TIME - UNK/NA		N8973T	PX- 0 0 0	PLEASURE/PERSONAL TRANSP	TOTAL HOURS, 75 IN TYPE,
			DAMAGE-DESTROYED			NOT INSTRUMENT RATED.
		DEPARTURE POINT	INTENDED DESTINATION			
		KNOXVILLE, TENN	ASHVILLE, NC			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLISION WITH GROUND/WATER: CONTROLLED			IN FLIGHT: NORMAL CRUISE	
		PROBABLE CAUSE				
		PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS				
		TERRAIN - HIGH OBSTRUCTIONS				
		FACTOR				
		WEATHER - LOW CEILING				
		WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE				
		WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST				
		MISSING AIRCRAFT - LATER RECOVERED				
		SKY CONDITION			CEILING AT ACCIDENT SITE	
		OBSCURATION			0	
		VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE	
		ZERO			NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE			WIND DIRECTION-DEGREES	
		NONE			290	
		WIND VELOCITY-KNOTS			TYPE OF WEATHER CONDITIONS	
		46			IFR	
		TYPE OF FLIGHT PLAN				
		VFR				
		REMARKS- FLY BELOW OBSTRUCTING TERRAIN, MTS OBSCURED BY CLOUDS. RECOVERY DATE 5/31/70.				

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/A	FLIGHT PURPOSE	PILOT DATA
3-3144	10/23/69	CUCHARA, COLO	PIPER PA-28 N9792W DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 18, UNK/MR TOTAL HOURS, UNK/MR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT HELEN, N MEX	INTENDED DESTINATION DENVER, COLO	LAST ENROUTE STOP ALBUQUERQUE, N MEX		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED	PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE			
PROBABLE CAUSE PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR WEATHER - LOW CEILING WEATHER - SNOW WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED						
		SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE ZERO	CEILING AT ACCIDENT SITE 0 PRECIPITATION AT ACCIDENT SITE SNOW			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN VFR				
REMARKS- FLEW INTO MNTN UPSLOPE OBSCURED BY CLOUDS. RECOVERY DATE 5/29/70.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3717	12/27/69	NR LAKE TAMD, CALIF	CESSNA 177 N29300	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 37, 84 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		TIME - 1430	DAMAGE-DESTROYED			
		DEPARTURE POINT SACRAMENTO, CALIF	INTENDED DESTINATION SO. LAKE TAMD, CALIF			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED	PHASE OF OPERATION IN FLIGHT: DESCENDING			
PROBABLE CAUSE						
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR						
WEATHER - LOW CEILING						
WEATHER - SNOW						
WEATHER - TURBULENCE, ASSOCIATED W/ CLOUDS, THUNDERSTORMS						
PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
MISSING AIRCRAFT - LATER RECOVERED						
		SKY CONDITION	CEILING AT ACCIDENT SITE			
		OBSCURATION	0			
		VISIBILITY AT ACCIDENT SITE	PRECIPITATION AT ACCIDENT SITE			
		ZERO	SNOW			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE	TYPE OF WEATHER CONDITIONS			
		NONE	IFR			
		TYPE OF FLIGHT PLAN				
		VFR				
REMARKS- RECOVERY DATE 6/7/70. REMAINS OBSERVED BY CLOUDS. FLEW INTO MTHN SIDE.						
3-3756	10/26/69	MIDDLEPORT, NY	CESSNA 140 N2389V	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 58, 360 TOTAL HOURS, 168 IN TYPE, NOT INSTRUMENT RATED.
		TIME - 1255	DAMAGE-SUBSTANTIAL			
		DEPARTURE POINT MIDDLEPORT, NY	INTENDED DESTINATION UNKNOWN/NOT REPORTED			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED	PHASE OF OPERATION IN FLIGHT: OTHER			
PROBABLE CAUSE(S)						
MISCELLANEOUS - UNDETERMINED						
REMARKS- WITNESSES SAW ACFT DESCEND TO GRND SHORTLY AFTER T/O. NO EVIDENCE OF ACFT OR ENG MALFUNCTION.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3757	10/18/69	SENECA, PA TIME - 1650	CESSNA 120 N72392 DAMAGE-DESTROYED INTENDED DESTINATION UNKNOWN/NOT REPORTED	CR- 2 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 215 TOTAL HOURS, 11 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT ALLEGHENY RIVER TYPE OF ACCIDENT STALL: SPIN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT /REPARATION AND/OR PLANNING MISCELLANEOUS ACTS/CONDITIONS - IMPROPERLY LOADED AIRCRAFT-WEIGHT-AND/OR C.G. FIRE AFTER IMPACT REMARKS- STALLED DURING L TURN AFTER T/O FROM RIVER. APPROXLY 40 LBS OVER T/O WT. FLOAT EQPD.						
3-3758	12/2/69	POUGHKEEPSIE, NY TIME - 1715	MOONEY M20E N79767 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	ATR, FLIGHT INSTR., AGE 35, 8300 TOTAL HOURS, 60 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT HABIN ARPT, NY TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: WIRES/POLES PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM: OTHER TERRAIN - HIGH OBSTRUCTIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LOSS OF FUEL PRESSURE FOR UNKNOWN CAUSE. LOG ON STREET HIT WIRES, ST SIGN, LT POST, FIRE HYDRANT AND TREE.						
3-3759	12/10/69	PASSADUMKEAG, ME TIME - 0831	PIPER PA-23 N5090V DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	COMMERCIAL AIR TAXI-PASSG J-D	COMMERCIAL, FL INSTR., AGE 23, 2738 TOTAL HOURS, 840 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT MOULTON, ME TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IFR OPERATION FIRE AFTER IMPACT REMARKS- RPTD OVR BCM 0830 CMNG APCH. APT 0831 HIT MTN (350FT ELEV, 16NM ENE BCM. PI) MIN ALT 1900FT W/IN 10NM						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3760	11/19/69 TIME - 1940	KERMONKSON, NY	CESSNA 207 N1529U DAMAGE-DESTROYED	CR- 0 0 2 PX- 0 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL. INSTR., AGE 41, 9633 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT KINGSTON, NY	INTENDED DESTINATION ERIE, PA	LAST ENROUTE STOP HARRISBURG, PA		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED	PHASE OF OPERATION IN FLIGHT: OTHER			
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
FACTOR(S) PILOT IN COMMAND - BECAME LOST/DISORIENTED						
REMARKS- STRUCK UNLTD MNTN RIDGE 7 MI R OF INTENDED CRSE WHILE AWAITING 'FR CLEARANCE.						
3-3761	12/4/69 TIME - 1545	MILLER PLACE, NY	CESSNA 150G N2924S DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 36, 7778 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT ISLIP, NY	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT: OTHER		
		TYPE OF ACCIDENT STALL: SPIN				
PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT						
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
FACTOR(S) WEATHER - TURBULENCE, ASSOCIATED W/ CLOUDS, THUNDERSTORMS						
WEATHER BRIEFING - NO BRIEFING RECEIVED						
WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION BROKEN	CEILING AT ACCIDENT SITE 4000			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	WIND DIRECTION-DEGREES 300			
		WIND VELOCITY-KNOTS 14	TYPL OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN NONE				
REMARKS- ACFT OBSVD IN SPIN. PAX TAKING PICTURE OF MIUSE UNDER CONST. WIND 14KTS GUSTING 20KTS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3762	10/13/69 TIME - 1228	SU.WEYMOUTH, MASS	PIPER PA-28 N6423W DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 26, 32 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SOUTH WEYMOUTH, MS DEPARTURE POINT - INTENDED DESTINATION SU.WEYMOUTH, MASS SU.WEYMOUTH, MASS TYPE OF ACCIDENT - LAST ENROUTE STOP STALL - NEW BEDFORD, MASS PHASE OF OPERATION LANDING: TRAFFIC PATTERN-CIRCLING PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) MISCELLANEOUS ACTS/CONDITIONS - POORLY PLANNED APPROACH FIRE AFTER IMPACT REMARKS- DOWNWIND LEG TOO CLOSE, STALLED FROM STEEP S TURN ACK TO FINAL APCH.						
3-3763	11/29/69 TIME - 1033	GURHAM, ME	CESSNA 172 N6416E DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL INSTR., AGE 29, 152 TOTAL HOURS, UNK/AR IN TYPE, INSTRU- MENT RATED.
DEPARTURE POINT - INTENDED DESTINATION AUGUSTA, ME BURLINGTON, VT TYPE OF ACCIDENT - PHASE OF OPERATION COLLISION WITH GROUND/WATER: CONTROLLED IN FLIGHT: NORMAL CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - BECAME LOST/DISORIENTED WEATHER - FOG WEATHER - SNOW TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED SKY CONDITION - CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED 0 VISIBILITY AT ACCIDENT SITE - PRECIPITATION AT ACCIDENT SITE ZERO SNOW OBSTRUCTIONS TO VISION AT ACCIDENT SITE - WIND DIRECTION-DEGREES FOG 230 WIND VELOCITY-KNOTS - TYPE OF WEATHER CONDITIONS 19 IFR TYPE OF FLIGHT PLAN IFR REMARKS- RCVR DATE 12/2/69, T/O AT 1000 VFR, IFR PLN ACTVD 1032, HIT CLO OBSCD MTN 26 MI N OF CRS AT 1033.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3764	12/18/69	NH, WOODBURY, CONN	CESSNA 150M N6730S DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 38, 56 TOTAL HOURS, 55 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT NASHUA, NH	INTENDED DESTINATION UNKNOWN/NOT REPORTED	PHASE OF OPERATION LANDING: TRAFFIC PATTERN-CIRCLING		
TYPE OF ACCIDENT STALL						
PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
FACTOR(S) PILOT IN COMMAND - BECAME LOST/DISORIENTED						
EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT APPROACHING DARKNESS						
REMARKS- ATTEMPTED UNAUTHORIZED XC FLT.						
3-3765	12/17/69	PIKETON, OHIO	CESSNA 401 N8167F DAMAGE-DESTROYED	CR- 1 0 0 PX- 4 0 0	NONCOMMERCIAL CORP/EXEC	AIRLINE TRANSPORT, AGE 42, 8477 TOTAL HOURS, 500 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT CINCINNATI, OHIO	INTENDED DESTINATION PARKERSBURG, W VA	PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE IN FLIGHT: UNCONTROLLED DESCENT		
TYPE OF ACCIDENT FIRE OR EXPLOSION: IN FLIGHT COLLISION WITH GROUND/WATER: UNCONTROLLED						
PROBABLE CAUSE(S) POWERPLANT - ENGINE ACCESSORIES: OTHER MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - FIRE IN ENGINE MISCELLANEOUS ACTS, CONDITIONS - FIRE IN WING						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT						
REMARKS- R ENG TURBOCHARGER FAILED. ESCAPING HEAT IGNITED FUEL AND OIL LINES CAUSED AILERON TO BURN, FALL OFF						
3-3766	11/6/69	RACINE, WIS	LEAR JET 23A N1021B DAMAGE-DESTROYED	CR- 2 0 0 PX- 5 0 0	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, FL. INSTR., AGE 40, 7076 TOTAL HOURS, 625 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - HORLICK-RACINE	INTENDED DESTINATION RACINE, WIS	PHASE OF OPERATION UNKNOWN/NOT REPORTED		
DEPARTURE POINT BENTON HARBOR, MICH						
TYPE OF ACCIDENT UNDETERMINED						
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
REMARKS- ADF APCH, RAPCON ADDD MARION FIX, PASSED FIX, RADAR TARGET FADED. FLOATING WRECKAGE RECOVERED LKE MICH						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3767	11/27/69 TIME - 0115	MADISON, WIS	BEECH D19S N106H DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, FL INSTR., AGE 21, 395 TOTAL HOURS, 8 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MADISON MUNICIPAL DEPARTURE POINT MADISON, WIS INTENDED DESTINATION LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL PHASE OF OPERATION TAKEOFF: INITIAL CLIMB IN FLIGHT: OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - PHYSICAL IMPAIRMENT PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - PILOT FATIGUE MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - TOUCH AND GO LANDING PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. FIRE AFTER IMPACT REMARKS- OTH FLTS, APRX 2.8HRS ON MAIN FUEL TANKS. ACFT NOT REFUELED BFR 0108AM T/O ACFT OBSVD L WING, NOSE DOWN						
3-3768	11/29/69 TIME - 1555	LA GRANGEVILLE, NY	CESSNA 150 N61086 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 111 TOTAL HOURS, 98 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SKY ACRES DEPARTURE POINT LA GRANGEVILLE, NY INTENDED DESTINATION LA GRANGEVILLE, NY TYPE OF ACCIDENT COLLIDED WITH: TREES LAST ENROUTE STOP WESTFIELD, MASS PHASE OF OPERATION IN FLIGHT: OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION PARTIAL OBSCURATION VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG TYPE OF WEATHER CONDITIONS IFR CEILING AT ACCIDENT SITE 400 PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 37 TYPE OF FLIGHT PLAN NONE REMARKS- PLT WAS ADVISED TO DIVERT WHILE IN FLT DUE DENSE FOG AT DESTINATION. FLT PHASE UNKN.						

# CRITERIA OF ACCIDENT

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S P/A	FLIGHT PURPOSE	PILOT DATA
3-3764	11/8/69	JONESTOWN, VY	PIPER PA-32	CR- 1 0 0	NONCOMMERCIAL	PRIVATE, AGE 40, 722
	TIME - 1851		N46044	PX- 5 0 0	PLEASURE/PERSONAL TRANS	TOTAL HOURS, 222 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT	DAMAGE-DESTROYED			
		DAYTONA BEACH, FLA	INTENDED DESTINATION			
			LONDON, MD			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLISION WITH GROUND/WATER: UNCONTROLLED			IN FLIGHT: UNCONTROLLED DESCENT	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - SPATIAL DISORIENTATION				
		PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING				
		PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS				
		FACTOR(S)				
		WEATHER - LOW CEILING				
		WEATHER BRIEFING - BRIEFED BY WEATHER BUREAU PERSONNEL, IN PERSON				
		WEATHER FORECAST - WEATHER CONSIDERABLY WORSE THAN FORECAST				
		SKY CONDITION			CEILING AT ACCIDENT SITE	
		OVERCAST			700	
		VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE	
		3 MILES OR LESS			NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TYPE OF WEATHER CONDITIONS	
		HAZE			VFR	
		TYPE OF FLIGHT PLAN				
		SPECIAL VFR				
		REMARKS- PLT OVERFLEW SUITABLE AFLDS, LOW FUEL STATE NEAR DEST, FLEW INTO LOW CLOS, LOST CTL ON SPL VFR CLNC.				
3-3770	10/3/69	BRUCE, WIS	PIPER PA-32	CR- 1 0 0	NONCOMMERCIAL	PRIVATE, AGE 32, 127
	TIME - 0635		N4178R	PX- 5 0 0	PLEASURE/PERSONAL TRANS	TOTAL HOURS, 10 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT	DAMAGE-DESTROYED			
		WEST CHICAGO, ILL	INTENDED DESTINATION		LAST ENROUTE STOP	
			KENORA, ONTARIO, CAN		MAYNARD, WIS	
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLISION WITH GROUND/WATER: CONTROLLED			IN FLIGHT: NORMAL CRUISE	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING				
		PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS				
		FACTOR(S)				
		WEATHER - LOW CEILING				
		WEATHER - FOG				
		PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING				
		WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE				
		WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT				
		MISSING AIRCRAFT - LATER RECOVERED				
		SKY CONDITION			CEILING AT ACCIDENT SITE	
		PARTIAL OBSCURATION			100	
		VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE	
		1 MILE OR LESS			NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TYPE OF WEATHER CONDITIONS	
		FOG			IFR	
		TYPE OF FLIGHT PLAN				
		VFR				
		REMARKS- RECOVERY DATE 10/09/69. MEA BRIEF 7 HRS BEFORE DEP. FLEW INTO KNOWN IFR CONDITIONS, STRUCK HILL.				

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3771	12/8/69 TIME - 2055	BENTON STA, CALIF	BEECH J35 N669B DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 260 TOTAL HOURS, UNK/NA IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT TUNIPAH, NEV	INTENDED DESTINATION LAKEPORT, CALIF	LAST ENROUTE STOP OAKLAND, CALIF		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED	PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE			
<p>PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE FACTORS(S) WEATHER - DOWNDRAFT, UPDRAFTS TERRAIN - OTHER MISCELLANEOUS ACTS, CONDITIONS - PILOT FATIGUE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON WEATHER FORECAST - UNKNOWN/NOT REPORTED MISSING AIRCRAFT - LATER RECOVERED</p>						
		SKY CONDITION CLEAR	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	TEMPERATURE-F -9			
		WIND DIRECTION-DEGREES 320	WIND VELOCITY-KNOTS 31			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
<p>FILE AFTER IMPACT REMARKS- RECOVERY DATE-12/9/70, HIT LLE SIDE OF MT. DARK MTE, UNLIMITED AREA, PLT HAD FLOWN APPROX 1535 HOURS.</p>						
3-3772	9/14/69 TIME - 1510	ALTAMAS, CALIF	CESSNA 142A N-0720 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 63, 700 TOTAL HOURS, UNK/NA IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT PORT ANGELES, WASH	INTENDED DESTINATION BURN, CALIF	LAST ENROUTE STOP AURORA, OREG		
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: UNCONTROLLED	PHASE OF OPERATION IN FLIGHT: UNCONTROLLED DESCENT			
<p>PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- PLT HAD MEDICAL HISTORY OF PHYSICAL DEFECTS.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-3773	9/14/69	TRUCKEE, CALIF	CESSNA C177 N2977X	CH-	1	0	0	NONCOMMERCIAL	PRIVATE, AGE 44, 2000 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.
	TIME - 0910		DAMAGE-DESTROYED INTENDED DESTINATION UNKNOWN/NOT REPORTED	PX-	2	0	0	PLEASURE/PERSONAL TRANSP	
	DEPARTURE POINT RENO, CALIF								LAST ENROUTE STOP TRUCKEE, CALIF
	TYPE OF ACCIDENT COLLIDED WITH: TREES								PHASE OF OPERATION IN FLIGHT: OTHER
	PROBABLE CAUSE(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT								
	REMARKS-	ALFT OBSVD AT APRX 300FT AGL CLIMBING TOWARD RISING TRRN. STRUCK TREES ABT 40FT ABV GRND.							
3-3774	10/10/69	NK, CARSON CITY, NEV	BEECH E33 N7693N	CH-	1	0	0	NONCOMMERCIAL	PRIVATE, AGE 32, 136 TOTAL HOURS, 65 IN TYPE, NOT INSTRUMENT RATED.
	TIME - 2210		DAMAGE-DESTROYED INTENDED DESTINATION RENO, NEV	PX-	1	0	0	PLEASURE/PERSONAL TRANSP	
	DEPARTURE POINT LAKE TAMIE, CALIF								
	TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: UNCONTROLLED								PHASE OF OPERATION IN FLIGHT: UNCONTROLLED DESCENT
	PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING WEATHER - DOWNDRAFT, UPDRAFTS FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT								
	SKY CONDITION CLEAR								CEILING AT ACCIDENT SITE UNLIMITED
	VISIBILITY AT ACCIDENT SITE 5 OR OVER								PRECIPITATION AT ACCIDENT SITE NONE
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE								WIND DIRECTION-DEGREES 80
	WIND VFLOCITY-KNOTS 51								TYPE OF WEATHER CUNDITIONS VFR
	TYPE OF FLIGHT PLAN NONE								
	FIRE AFTER IMPACT								
	REMARKS-	SIGMET VALID FOR NOT TO SEVERE TURB IN AREA. ALFT CRASHED INTO MNTN SLOPE.							

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N			FLIGHT PURPOSE	PILOT DATA	
3-3775	1/15/69 TIME - 0951	SAN FRANCISCO,CAL	CESSNA 182L N42242 DAMAGE-SUBSTANTIAL	CR-	0	0	1 0 0 0 0 0 22	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 54, 20804 TOTAL HOURS, 2000 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SAN FRANCISCO INT DEPARTURE POINT INTENDED DESTINATION SAN FRANCISCO,CAL STOCKTON,CALIF TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT PHASE OF OPERATION IN FLIGHT: CLIMB TO 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.-LARGE US GEN.AV. CONTROLLING AGENCY - APPROACH CTL-DEPARTURE RADAR CTL/SURVEILLANCE - UNDER RADAR CONTACT TRAFFIC ADVISORY ISSUED - BY DEPARTURE CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT CONTROL ZONE/AREA - YES CONVERGENCE ANGLE-DEGREES - 55 HORIZONTAL COLLISION ANGLE-DEGREES - 25 EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - OPERATING									
REMARKS- 8-727 CONT TO DEST AND LND. CESSNA HAD DAMAGED RW,LND AT SAN FRANCISCO SAFELY.									
3-3775	1/15/69 TIME - 0951	SAN FRANCISCO,CAL	BOEING 727 N973PS DAMAGE-MINOR	CR-	0	0	6 0 0 16 0 0 1	COMMERCIAL AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 40, 13641 TOTAL HOURS, 934 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SAN FRANCISCO INT DEPARTURE POINT INTENDED DESTINATION SAN FRANCISCO,CAL ONTARIO,CALIF TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT PHASE OF OPERATION IN FLIGHT: CLIMB TO 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.-LARGE US GEN.AV. CONTROLLING AGENCY - APPROACH CTL-DEPARTURE RADAR CTL/SURVEILLANCE - UNDER RADAR CONTACT TRAFFIC ADVISORY ISSUED - BY DEPARTURE CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT CONTROL ZONE/AREA - YES CONVERGENCE ANGLE-DEGREES - 55 HORIZONTAL COLLISION ANGLE-DEGREES - 25 EVASIVE ACTION TAKEN - YES ANTI-COLLISION LIGHTS - OPERATING									
REMARKS- BOTH PLTS HAD EQUAL OPPORTUNITY TO SEE EACH OTHER. BOTH ACFT WERE ON SAME FREQUENCY.									

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/M	FLIGHT PURPOSE	PILOT DATA
3-3776	11/26/69 TIME - 1355	GALVESTON, TEX	BECH 65-A90 N500X DAMAGE-DESTROYED	CR- 2 0 0 PX- 1 0 0	INSTRUCTIONAL DUAL	ATM, FLIGHT INSTR., AGE 53, 11,687 TOTAL HOURS, 253 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - SCHULES	INTENDED DESTINATION			
		DEPARTURE POINT HOUSTON, TEX	LOCAL			
		TYPE OF ACCIDENT STALL	PHASE OF OPERATION LANDING: FINAL APPROACH			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- LOST CONTROL DURING PRACTICE VWP APCH. CRASHED IN BAY.						
3-3777	12/1/69 TIME - 0957	CHARLOTTE AMAL, VI	DEMAYILLAND DM114 N570PH DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 2 18	COMMERCIAL AIR TAXI-PASSG S-U	AIRLINE TRANSPORT, AGE 38, 12,500 TOTAL HOURS, 172 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - HARRY S. TRUMAN	INTENDED DESTINATION			
		DEPARTURE POINT SAN JUAN, PR	CHARLOTTE AMAL, VI			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: UNCONTROLLED	PHASE OF OPERATION LANDING: FINAL APPROACH			
PROBABLE CAUSE(S) AIRFRAME - FLIGHT CONTROL SURFACES: FLAP ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY SECURED MISCELLANEOUS ACTS, CONDITIONS - ASYMMETRICAL FLAPS PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION REMARKS- R FLAP DATUM HINGE LINK FAILED, CAUSED R FLAPS TO STREAMLINE, L FLAPS AT 60 DEG. STRUCK 2 ACFT, CAR.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3770	12/21/64	REPUBLIC, MO	BEECH 65-80 N1539S DAMAGE-DESTRUCTED	CR- 1 0 0 PR- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL INSTR., AGE 47, 6577 TOTAL HOURS, 105 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - WESTPORT				
		DEPARTURE POINT	INTENDED DESTINATION			
		HUCA RATON, FLA	SPRINGFIELD, MO			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLISION WITH GROUND/WATER: UNCONTROLLED			LANDING: INITIAL APPROACH	
PROBABLE CAUSE(S)						
WEATHER - LOW CEILING						
WEATHER - FOG						
WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC.						
MISCELLANEOUS ACTS, CONDITIONS - ICE-PROPELLER						
MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, IN PERSON						
WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST						
MISSING AIRCRAFT - LATER RECOVERED						
		SKY CONDITION			CEILING AT ACCIDENT SITE	
		OVERCAST			500	
		VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE	
		2 MILES OR LESS			FREEZING DRIZZLE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TYPE OF WEATHER CONDITIONS	
		FOG			IFR	
		TYPE OF FLIGHT PLAN				
		IFR				
		FIRE AFTER IMPACT				
REMARKS- APCH CTL ADVSD ICING IN CLOS. PLY RPTD HWY 1. Icing FULL DEICING EQUIPMENT ON.						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3779	12/5/69 TIME - 1500	ALBUQUERQUE, N MEX	LOCKHEED 18 N410M DAMAGE-DESTROYED	CR- 2 0 0 PX- 9 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 38, 8030 TOTAL HOURS, 30 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CORONAADO DEPARTURE POINT LAS VEGAS, NEV INTENDED DESTINATION DALLART, TEX TYPE OF ACCIDENT AIRFRAME FAILURE: IN FLIGHT PHASE OF OPERATION IN FLIGHT: OTHER COLLISION WITH GROUND/WATER: UNCONTROLLED IN FLIGHT: UNCONTROLLED DESCENT  PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT AIRFRAME - WINGS: SPARS MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT WEATHER - ICING CONDITIONS-INCLUDES SLEET, FREEZING RAIN, ETC. MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION BROKEN CEILING AT ACCIDENT SITE 6000 VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS PRECIPITATION AT ACCIDENT SITE SNOW SHOWER OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED TYPE OF WEATHER CONDITIONS IFR TYPE OF FLIGHT PLAN VFR FIRE AFTER IMPACT REMARKS- L WG FAILED, SEPARATED. FLT TYPE RATED FOR VFR FLT ONLY IN L-18. ACFT NOT DEICER EQUIPPED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3780	9/27/69	MILWAUKEE, WIS	NAVION A N4393K DAMAGE-DESTROYED INTENDED DESTINATION MILWAUKEE, WIS	CR- 0 1 0 PX- 1 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 38, 178 TOTAL HOURS, 90 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT MILWAUKEE, WIS						
TYPE OF ACCIDENT FIRE OR EXPLOSION: IN FLIGHT COLLIDED WITH: BUILDING(S)			PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE LANDING: ROLL			
PROBABLE CAUSE(S) POWERPLANT - PROPELLER AND ACCESSORIES: HYDRAULIC PITCH CONTROL MECHANISM MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS, CONDITIONS - LEAK/LEAKAGE MISCELLANEOUS ACTS, CONDITIONS - FIRE IN ENGINE MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION TERRAIN - HIGH OBSTRUCTIONS						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - WINDSHIELD, DIRTY, FOGGY, ETC.-RESTRICTED VISION EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SMOKE IN COCKPIT						
REMARKS- A-38 BEARING, INSTALLED BACKWARDS, BROKE, DIAPHRAGM THEN BROKE ALLOWING OIL TO LEAK ONTO HOT ENG.						
3-3781	7/25/69	KEKAHA, HAWAII	DEHAVILLAND DH104 N88G DAMAGE-DESTROYED INTENDED DESTINATION LIMUE, HAWAII	CR- 0 2 0 PX- 1 5 5	COMMERCIAL AIR TAXI-PASSG S-D	COMMERCIAL, AGE 49, 13900 TOTAL HOURS, 2100 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT KALAPAPA, HAWAII						
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: TREES			PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE IN FLIGHT: OTHER			
PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE: VALVE ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE PILOT IN COMMAND - EXERCISED POOR JUDGMENT MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING						
FACTOR(S) WEATHER - DOWNDRAFT, UPDRAFTS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - BRIEFING RECEIVED-METHOD UNKNOWN WEATHER FORECAST - UNKNOWN/NOT REPORTED						
SKY CONDITION BROKEN			CEILING AT ACCIDENT SITE UNKNOWN/NOT REPORTED			
VISIBILITY AT ACCIDENT SITE 5 OR OVER			PRECIPITATION AT ACCIDENT SITE NONE			
OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			TYPE OF WEATHER CONDITIONS VFR			
TYPE OF FLIGHT PLAN VFR						
REMARKS- OBS SAW ACFT JUST ABOVE TREES. ACFT SETTLED, PLT INCR PWR. NR 3 EXH VALVE L ENG FAILED. SIGHT SEEING.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3762	6/23/69	CORONA DEL MAR, CAL	CESSNA 182 N6259A DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 1-5 TOTAL HOURS, 80 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - ORANGE COUNTY	INTENDED DESTINATION	LAST ENROUTE STOP		
		DEPARTURE POINT	SANTA ANA, CALIF	UNKNOWN/NOT REPORTED		
		SUNLAND, TEX		PHASE OF OPERATION		
		TYPE OF ACCIDENT		IN FLIGHT: OTHER		
		COLLISION WITH GROUND/WATER: CONTROLLED				
PROBABLE CAUSE(S)						
MISCELLANEOUS - UNDETERMINED						
MISSING AIRCRAFT - LATER RECOVERED						
REMARKS- DATE OF ACCOT PRESUMED. RECOVERY DATE 7/28/69. FLT PHASE UNKN.						
3-3783	10/3/69	AZUSA, CALIF	BEECH W35 N5434D DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 79, 2330 TOTAL HOURS, 940 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT	INTENDED DESTINATION	PHASE OF OPERATION		
		LA VERNE, CALIF	BAKERSFIELD, CALIF	IN FLIGHT: OTHER		
		TYPE OF ACCIDENT				
		STALL: SPIN				
PROBABLE CAUSE(S)						
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
PILOT IN COMMAND - SPATIAL DISORIENTATION						
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
FIRE AFTER IMPACT						
REMARKS- ACFT OBSVD EMERGE FROM CLOUDS HI SPEED ALMOST INVERTED, LVL OFF ABT 50FT, CLR TO APPROX 1500FT, SPIN L.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
5-3784	10/17/69 TIME - 1835	CABAZON, CALIF	CESSNA 336 N1234V DAMAGE-DESTROYED	CR- 1 0 0 PX- 4 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 310 TOTAL HOURS, 150 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT LONG BEACH, CALIF	INTENDED DESTINATION PALM SPGS, CALIF			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED			PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE	
PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST						
		SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE ZFWJ OBSTRUCTIONS TO VISION AT ACCIDENT SITE FUG TYPE OF FLIGHT PLAN NONE			CEILING AT ACCIDENT SITE 0 PRECIPITATION AT ACCIDENT SITE NONE TYPE OF WEATHER CONDITIONS LHR	
REMARKS- FLEW INTO MNTN SLOPE AT NITE.						
3-3785	11/2/69 TIME - 1615	AGUANGA, CALIF	CESSNA 150G N4783X DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL INSTR., AGE 35, 287 TOTAL HOURS, 267 IN TYPE, NOT INSTRU- MENT RATED.
		DEPARTURE POINT CORONA, CALIF	INTENDED DESTINATION CORONA, CALIF			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED			PHASE OF OPERATION IN FLIGHT: OTHER	
PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT MISCELLANEOUS ACTS, CONDITIONS - FLEW INTO BLIND CANYON						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING FIRE AFTER IMPACT						
REMARKS- WITNESS OBS ACFT 200 FT AGL.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3786	11/7/69 TIME - 1053	HAPPY JACK, ARIZ	BEECH M35 N9725A DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 60, 3459 TOTAL HOURS, 1789 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SALT LAKE CITY, UT	INTENDED DESTINATION TUCSON, ARIZ			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: UNCONTROLLED	PHASE OF OPERATION IN FLIGHT: UNCONTROLLED DESCENT			
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT						
		SKY CONDITION OBSCURATION VISIBILITY AT ACCIDENT SITE ZERO	CEILING AT ACCIDENT SITE 0 PRECIPITATION AT ACCIDENT SITE DRIZZLE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG	TYPE OF WEATHER CONDITIONS LFR			
		TYPE OF FLIGHT PLAN UNKNOWN/NOT REPORTED FIRE AFTER IMPACT REMARKS- CLG AND FOG AT TREE TOP LEVEL AT SITE.				
3-3787	12/12/69 TIME - 0033	DIG SUR, CALIF	BEECH D95A N8619M DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 51, 3555 TOTAL HOURS, 181 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SAN DIEGO, CALIF	INTENDED DESTINATION SAN RAFAEL, CALIF			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED	LAST ENROUTE STOP MONTEREY, CALIF PHASE OF OPERATION IN FLIGHT: DESCENDING			
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS FIRE AFTER IMPACT REMARKS- LETDOWN AT NITE IN AREA OF SPARSE LTG. STRUCK 1000 FT CLIFF ABOVE OCEAN BEACH.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3788	12/9/69	NR.RENO,NEV	BEECH K35 N6014E	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 36, 322 TOTAL HOURS, 28 IN TYPE, NOT INSTRUMENT RATED.
	TIME 1315		DAMAGE-DESTROYED INTENDED DESTINATION STEAMBOAT SPGS,COLORADO			
	DEPARTURE POINT HAMILTON,CALIF				PHASE OF OPERATION IN FLIGHT: OTHER IN FLIGHT: UNCONTROLLED DESCENT	
	TYPE OF ACCIDENT AIRFRAME FAILURE: IN FLIGHT COLLISION WITH GROUND/WATER: UNCONTROLLED					
	PROBABLE CAUSE(S) PILOT IN COMMAND - SPATIAL DISORIENTATION PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT AIRFRAME - WINGS: SPARS MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT WEATHER - SNOW WEATHER - ICING CONDITIONS-INCLUDES SLEET,FREEZING RAIN,ETC. PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED					
	SKY CONDITION BROKEN				CEILING AT ACCIDENT SITE 4000	
	VISIBILITY AT ACCIDENT SITE 5 OR OVER				PRECIPITATION AT ACCIDENT SITE SNOW SHOWERS	
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE				WIND DIRECTION-DEGREES 160	
	WIND VELOCITY-KNOTS 4				TYPE OF WEATHER CONDITIONS VFR	
	TYPE OF FLIGHT PLAN NONE					
	REMARKS- RECOVERY DATE 12/17/69. BOTH WINGS FAILED. WEA BRIEF OBTAINED 4 HRS BEFORE T/O.					
3-3789	12/15/69	NR.GRAND CANYON,ARIZ	BELL 206A N1479M	CR- 1 0 0 PX- 0 0 0	COMMERCIAL CONSTRUCTION	COMMERCIAL, AGE 47, 5124 TOTAL HOURS, 210 IN TYPE, NOT INSTRUMENT RATED.
	TIME - 1355		DAMAGE-DESTROYED INTENDED DESTINATION LOCAL			
	DEPARTURE POINT BRIGHT ANGEL CR,ARIZ				PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE IN FLIGHT: UNCONTROLLED DESCENT	
	TYPE OF ACCIDENT MISCELLANEOUS COLLISION WITH GROUND/WATER: UNCONTROLLED					
	PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT ROTORCRAFT - ROTOR ASSEMBLIES: TAIL ROTOR BLADES MISCELLANEOUS - FOREIGN OBJECT DAMAGE FACTOR(S) PERSONNEL - OPERATIONAL SUPERVISORY PERSONNEL: INADEQUATE SUPERVISION OF FLIGHT CREW REMARKS- EXTERNAL LOAD CARGO CABLE HANGING FREE HIT T/R,CABLES WERE ORDERED SECURED DURING FLT AFT THIS ACCT					

2-1115 F ACCIDENT

[illegible]

NAME OF AIRPORT - VAN NUYS	INTENDED DESTINATION
DEPARTURE POINT	SERPOLYNO, CALIF
MURRANK, CALIF	
TYPE OF ACCIDENT	
ENGINE FAILURE OR MALFUNCTION	
STALL	

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INFORMATION  
LANDS OF CANADA

PROBABLE CAUSE(S)

PROBABLE CAUSE(S)  
MISCELLANEOUS ACTS/CONDITIONS - SIMULATED CONDITIONS  
DUAL STUDENT - FAILED TO OBTAIN/MAINTAIN FLYING SPOT  
PILOT IN COMMAND - INADEQUATE SUPERVISING OF FLIGHT

FACTORS) SEE COMMENTS - ONLY PLANS, APP. ACH

MISCELLANEOUS ACTS, CONDITIONS - PUBLIC PLANTS, APPLICATIONS  
MISCELLANEOUS ACTS, CONDITIONS - IMPROPER EMERGENCY PROCEEDINGS

FINCH AFTER IMPACT

REMARKS- OBS SAW ACFT ON LOW APCH. SAW SINGLE EN. AND FLAPS DOWN. HIT WIRED TREES AND

3-4596 8/20/69 CUMAUPOULIS, PA  
TIME - 1357

CESSNA 310N  
N4195J  
DAMAGE-SUBSTANTIAL

CM- 0 1 0 NONCOMMERCIAL  
PR- 0 3 0 COMP/EXEC

COMMERCIAL, AGE 34, 4000  
TOTAL HOURS, 30 IN TYPE,  
INSTRUMENT RATED.

NAME OF AIRPORT - GATR PITTSBURGH	INTENDED DESTINATION
DEPARTURE POINT	PITTSBURGH, PA.
HARRISBURG, PA	
TYPE OF ACCIDENT	
ENGINE FAILURE OR MALFUNCTION	
COLLIDED WITH:	WIRES, PCLES

PHASE OF OPERATION -  
LANDING: FINAL APPROACH  
LANDING: LEVEL OFF/TOUCHDOWN

PROBABLE CAUSE(S)

PROBABLE CAUSE(S)  
POWERPLANT - MISCELLANEOUS: POWERPLANT FAILURE FOR UNDETERMINED REASONS

POWERPL  
FACTORS(S)

FACTORY (S)  
POWERPLANT - FUEL SYSTEM: PUMPS

POWERPLANT - FUEL SYSTEM: PUMPS  
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-2 ENGINES  
FORCED LANDING OFF AIRPORT ON LAND

COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/ENGINE  
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND

REMARKS- L FUEL BOOST PUMP INOP ON HI MODE. BOTH MAIN TANKS RUPTURED. AUX TANKS CONTAINED RESIDUAL FUEL.

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BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES K S M/N	FLIGHT PURPOSE	PILOT DATA
3-4697	12/29/69	PHENIX CITY, ALA	ENSTROM F29L N4880	OK- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 46, 3014 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT PHENIX CITY, ALA	DAMAGE-SUBSTANTIAL INTENDED DESTINATION COLUMBUS, GA			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION SITCHING			PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE LANDING: POWER-OFF AUTOMATIC LANDING	
<p>POSSIBLE CAUSE(S)            PILOT - IMPROPER ENG OPERATION, OVERSPEEDING ENG.            POWERPLANT - ENGINE STRUCTURE: OTHER            MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE            (TORIS)            MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER.            COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMECUT-1 ENGINE            EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER            REMARKS- OVERSPEED CAUSED INTERNAL BREAKUP OF ENG.</p>						
3-4698	9/4/69	CANTON, GA	PIPER PA-23 N4344P	OK- 0 1 0 PX- 0 1 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 4000 TOTAL HOURS, 2462 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ATLANTA, GA	DAMAGE-DESTROYED INTENDED DESTINATION WINESBORO, KY			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: TREES			PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE LANDING: LEVEL OFF/TOUCHDOWN	
<p>POSSIBLE CAUSE(S)            POWERPLANT - LUBRICATING SYSTEM: LINES, HOSES, FITTING            MISCELLANEOUS ACTS, CONDITIONS - FUEL TANK FAILURE            MISCELLANEOUS ACTS, CONDITIONS - OIL STARVATION            PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED            COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMECUT-1 ENGINE            EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND            REMARKS- OIL LINE FROM COOLER TO ENG CASE RUPTURED. WAS UNABLE TO MAINTAIN SINGLE ENG FLT.</p>						



# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4694	10/1/69	FAIRFAX, SC	CALLAIR A-9 N7233V DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FLIGHT INSTR., AGE 31, 4400 TOTAL HOURS, 215 IN TYPE, NOT INSTRUMENT RATED.
<p>NAME OF AIRPORT - ALLENDALE COUNTY DEPARTURE POINT - ALLENDALE, SC INTENDED DESTINATION - LOCAL</p> <p>TYPE OF ACCIDENT - ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: TREES</p> <p>PHASE OF OPERATION - IN FLIGHT EN ROUTE TO TREAT CROP LANDING: LEVEL OFF/TOUCHDOWN</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS/CONDITIONS - OIL STARVATION PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND</p> <p>SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 2000 KIND OF CROP - GRAIN FIELDS PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - NOT USED COCKPIT CRASH-AD - NOT INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 175</p> <p>KIND OF OPERATION - SEEDING CROPS TYPE OF CHEMICAL USED - UNKNOWN/NOT REPORTED GLOVES - NOT USED CRASH HELMET - AVAILABLE-USED CRASH BAR - INSTALLED TERRAIN-TYPE - LEVEL, FLAT</p> <p>REMARKS- OIL QUICK DRAIN FOUND OPEN. ENG INSPECTION SHOWED EVIDENCE OF INSUFFICIENT LUBRICATION.</p>						
3-4700	12/5/69	SAVANNAH, GA	MUGNEY M20A N6009X DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 33, 1043 TOTAL HOURS, 52 IN TYPE, NOT INSTRUMENT RATED.
<p>NAME OF AIRPORT - TRAVIS DEPARTURE POINT - DELAND, FLA INTENDED DESTINATION - SAVANNAH, GA</p> <p>TYPE OF ACCIDENT - WHEELS-UP</p> <p>PHASE OF OPERATION - LANDING: LEVEL OFF/TOUCHDOWN</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO ASSURE THE GEAR WAS DOWN AND LOCKED</p> <p>FACTORS: AIRFRAME - LANDING GEAR: LANDING GEAR WARNING AND INDICATING COMPONENTS PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION</p> <p>REMARKS- GR WARNING HORN IMPROPERLY WIGGED. GR LT BULBS WERE BURNED OUT.</p>						

BRIEFS OF ACCIDENTS						
FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4701	12/12/69	CHICAGO, ILL	CESSNA 182K N85555	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 39, 615 TOTAL HOURS, 125 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MEIGS DEPARTURE POINT CHICAGO, ILL TYPE OF ACCIDENT ENGINE FAILURE ON MALFUNCTION GEAR COLLAPSED INTENDED DESTINATION ST. CHARLES, ILL PHASE OF OPERATION IN FLIGHT: CLIMB TO CRUISE LANDING: ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/FAILED TO USE MISCELLANEOUS ACTS, CONDITIONS - ICE-CARBURETOR WEATHER - CONDITIONS CONDUCTIVE TO CARB./INDUCTION SYSTEM ICING FACTORS(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 260 TYPE OF WEATHER CONDITIONS VFR REMARKS- LND ON ROAD. CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 23 WIND VELOCITY-KNOTS 14 TYPE OF FLIGHT PLAN NONE						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4702	10/5/69	ALMA, GA	STINSON 106-1 N851B DAMAGE-SUBSTANTIAL	CR- 0 0 2 PI- 0 0 0	MISCELLANEOUS SEARCH AND RESCUE	PRIVATE, AGE 47, 78 TOTAL HOURS, 25 IN TYPE, NLT INSTRUMENT RATED.
NAME OF AIRPORT - DACON COUNTY DEPARTURE POINT - DOUGLAS, GA INTENDED DESTINATION - ALMA, GA TYPE OF ACCIDENT - GROUND-WATER LOOP-SWERVE NOSE OVER/DOWN PHASE OF OPERATION - LANDING: ROLL LANDING: ROLL PROBABLE CAUSE(S) COPILOT - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT COPILOT - FAILED TO MAINTAIN DIRECTIONAL CONTROL WEATHER - SUDDEN WINDSHIFT FACTORS(S) AIRFRAME - LANDING GEAR: BRAKING SYSTEM (NORMAL SYSTEM) WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT SKY CONDITION - BROKEN CEILING AT ACCIDENT SITE - 1500 VISIBILITY AT ACCIDENT SITE - 4 MILES OR LESS PRECIPITATION AT ACCIDENT SITE - NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE - RELATIVE BEARING OF WIND HAZE - RIGHT CROSS WIND 068-112 DEGREES TEMPERATURE-F - WIND DIRECTION-DEGREES 77 - 50 WIND VELOCITY-KNOTS - TYPE OF WEATHER CONDITIONS 10 - VFR TYPE OF FLIGHT PLAN - NONE REMARKS- CO-PILOT, A FLT INSTR, IN THE R SEAT WAS MAKING THE LOG. ALFT NOT EQUIPPED WITH BRAKES ON R SIDE.						
3-4703	12/9/69	SANTA PAULA, CALIF	TAYLORCRAFT BC-120 N399BJ DAMAGE-SUBSTANTIAL	CR- 0 0 1 PI- 0 0 0 OT- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 19, -92 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SANTA PAULA DEPARTURE POINT - SANTA PAULA, CALIF INTENDED DESTINATION - LOCAL TYPE OF ACCIDENT - COLLISION WITH AIRCRAFT: BOTH IN FLIGHT PHASE OF OPERATION - LANDING: TRAFFIC PATTERN-CIRCLING PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVAILABLE TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO CONVERGENCE ANGLE-DEGREES - 23 HORIZONTAL COLLISION ANGLE-DEGREES - 136 VERTICAL COLLISION ANGLE-DEGREES - 160 EVASIVE ACTION TAKEN - YES ANTI-COLLISION LIGHTS - NOT INSTALLED REMARKS- T-CRAFT EXP DUE LARGE ENG. LNDG IN DRY RIVER BED, OVERTURNED, OSCND OVR CESSNA GNMND ONTO BASE.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4703	12/9/69	SANTA PAULA, CALIF	CESSNA 150A N1043K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 52, 378 TOTAL HOURS, 154 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SANTA PAULA DEPARTURE POINT INTENDED DESTINATION VAN NUYS, CALIF SANTA PAULA, CALIF TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: 90TH IN FLIGHT LANDING: TRAFFIC PATTERN-CIRCLING PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVAILABLE TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO CONVERGENCE ANGLE-DEGREES - 21 HORIZONTAL COLLISION ANGLE-DEGREES - 135 VERTICAL COLLISION ANGLE-DEGREES - 20 EVASIVE ACTION TAKEN - YES ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- CESSNA DOWNED, T-CRAFT DSCNDG OVR. ONTO BASE, T/W AND RUDDER HIT BY CESSNA L WING DUNG EVASIVE R TURN.						
3-4704	9/28/69	TANLEQUAH, OKLA	HARWOOD W8L N12034 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 34, 543 TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - TANLEQUAH DEPARTURE POINT INTENDED DESTINATION WAGNER, OKLA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT: NORMAL CRUISE COLLIDED WITH: TREES LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM: OTHER POWERPLANT - IGNITION SYSTEM: MAGNETOFS MISCELLANEOUS ACTS/CONDITIONS - JAMMED PERSONNEL - PRODUCTION-DESIGN: OTHER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FUEL PUMP NOT INSTALLED, GRAVITY FLOW SYS. FUEL PUMP PLUNGER NOT REMOVED, CAME LOOSE, JAMMED MAG.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4705	8/1/69	BROOMFIELD, COLO	MOONEY M20A N6553B DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 29, 49 TOTAL HOURS, 41 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - JEFFERSON COUNTY DEPARTURE POINT - BROOMFIELD, COLO INTENDED DESTINATION - LOCAL TYPE OF ACCIDENT - PROPELLER/ROTOR FAILURE: PROPELLER FIRE OR EXPLOSION: ON GROUND PHASE OF OPERATION TAKEOFF: RUN TAKEOFF: ABORTED PROBABLE CAUSE(S) POWERPLANT - PROPELLER AND ACCESSORIES: BLADES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - VIBRATION, EXCESSIVE MISCELLANEOUS ACTS, CONDITIONS - FIRE IN ENGINE REMARKS- PROP BLADE FAILED FOR UNDETERMINED REASON. VIBRATION CAUSED ENG, AIRFRAME DAMAGE, STARTED FIRE.						
3-4706	10/10/69	PRATTVILLE, ALA	CALLAIR A-5 N29226 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 28, 996 TOTAL HOURS, 164 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT - PRATTVILLE, ALA INTENDED DESTINATION - LOCAL TYPE OF ACCIDENT - ENGINE FAILURE OR MALFUNCTION STALL: MUSH PHASE OF OPERATION IN FLIGHT: PROCEDURE TURNAROUND IN FLIGHT: PROCEDURE TURNAROUND PROBABLE CAUSE(S) POWERPLANT - ENGINE CONTROLS-COCKPIT: INDUCTION AIR, PREHEAT CONTROLS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - JETTISONED LOAD PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE SPECIAL DATA TOTAL HOURS IN CROP CONTROL - 166 KIND OF CROP - COTTON PILOT'S SEAT BELT - UNKNOWN/NOT REPORTED GOGGLES - USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - SIDES ELEVATION-AREA BEING TREATED- FEET - 405 PROCEDURE TURNAROUND - FIRST 1/3 OF TURN KIND OF OPERATION - DEFOLIATION (LIQUID) TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC GLOVES - NOT USED CRASH HELMET - AVAILABLE-USED CRASH BAR - INSTALLED TERRAIN-TYPE - ROLLING SWATH RUN-HOW FLOWN - CROSSWIND REMARKS- CARB HEAT CNTL SLIPPED TO FULL ON POSITION, CAUSED POWER LOSS. ACFT SETTLED INTO TREES.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4707	10/14/69 TIME - 1700	VALDOSTA, GA	CESSNA 177 N3177T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 34, 52 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - VALDOSTA DEPARTURE POINT VALDOSTA, GA TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING FACTOR(S) MISCELLANEOUS ACTS/CONDITIONS - OVERLOAD FAILURE PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- BENT FIREWALL AND NOSE GR MOUNT.						
3-4708	11/9/69 TIME - 1515	AURORA, COLO	LUSCOMBE 8A N1220K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 48, 230 TOTAL HOURS, 44 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - SKY RANCH DEPARTURE POINT AURORA, COLO TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH ON GROUND	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAXI: FROM LANDING		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT REMARKS- L WG STRUCK PROP OF N881LS. N1220K TAXIING TO PARKING RAMP. N881LS STOPPED SHORT OF TAXIWAY.						
3-4708	11/9/69 TIME - 1515	AURORA, COLO	STEENSHIP 1 N881LS DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 2270 TOTAL HOURS, 550 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - SKY RANCH DEPARTURE POINT AURORA, COLO TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH ON GROUND	INTENDED DESTINATION LOCAL	PHASE OF OPERATION STATIC: IDLING ENGINE(S)		
PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT REMARKS- UNCONTROLLED ARPT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4709	11/18/69 TIME - 1005	CANASTOTA, NY	CESSNA 150 N2448J DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 29, 33 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - CANASTOTA DEPARTURE POINT CANASTOTA, NY INTENDED DESTINATION LOCAL TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH ON GROUND PHASE OF OPERATION TAXI TO TAKEOFF PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT REMARKS- DRG TAXI TO T/O, STRUCK BY CESSNA 172 N35779.						
3-4709	11/18/69 TIME - 1005	CANASTOTA, NY	CESSNA 172 N35779 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 32, 30 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - CANASTOTA DEPARTURE POINT CANASTOTA, NY INTENDED DESTINATION LOCAL TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH ON GROUND PHASE OF OPERATION TAKEOFF: RUN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL REMARKS- VEERED R DRG T/O AND HIT TAXIING CESSNA 150 N2448J.						
3-4710	12/22/69 TIME - 1600	CRAWFORD, GA	CESSNA 140 N81046 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 23, 21 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HELMREICH DEPARTURE POINT CRAWFORD, GA INTENDED DESTINATION LOCAL TYPE OF ACCIDENT COLLIDED WITH: TREES PHASE OF OPERATION TAKEOFF: INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER REMARKS- ATTEMPTED T/O FROM MARGINAL STRIP. STRUCK TREES AT END OF RWY.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4711	4/30/69 TIME - 1359	MATTITUOK, NY	CESSNA 185C N229AT DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0	MISCELLANEOUS DEMONSTRATION	PRIVATE, AGE 59, 2340 TOTAL HOURS, UNKNOWN IN TYPE, NOT INSTRUMENT RATED.
<p>NAME OF AIRPORT - MATTITUOK DEPARTURE POINT MATTITUOK, NY INTENDED DESTINATION LERDY, NY</p> <p>TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL: HUSH</p> <p>PHASE OF OPERATION TAKEOFF: INITIAL CLIMB TAKEOFF: INITIAL CLIMB</p> <p>PROBABLE CAUSE(S) COPILOT - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING COPILOT - IMPROPER OPERATION OF POWERPLANT &amp; POWERPLANT CONTROLS COPILOT - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- THROTTLE FRICTION LOCK NOT SET. DRG ENG RUN-UP AFTER ACNT, THROTTLE OBSVD TO CREEP WITH LOCK OFF.</p>						
3-4712	12/10/69 TIME - 2015	BARNESVILLE, MINN	BEECH J35 N8325D DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 40, 848 TOTAL HOURS, 262 IN TYPE, NOT INSTRUMENT RATED.
<p>NAME OF AIRPORT - BARNESVILLE DEPARTURE POINT FERGUS FALLS, MINN INTENDED DESTINATION MINOT, N DAK</p> <p>TYPE OF ACCIDENT COLLIDED WITH: TREES</p> <p>PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS</p> <p>FACTOR(S) WEATHER - LOW CEILING WEATHER - FOG WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT MISSING AIRCRAFT - LATER RECOVERED</p> <p>SKY CONDITION UNKNOWN/NOT REPORTED VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE FOG WIND DIRECTION-DEGREES 260 TYPE OF WEATHER CONDITIONS VFR FIRE AFTER IMPACT REMARKS- RECOVERY DATE-12/17/69.</p> <p>CEILING AT ACCIDENT SITE 600 PRECIPITATION AT ACCIDENT SITE SNOW TEMPERATURE-F 17 WIND VELOCITY-KNOTS 5 TYPE OF FLIGHT PLAN NONE</p>						



## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4713	12/18/69 TIME - 1855	GAITHERSBURG, MD	AERO COMDR 680-FL N6302U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 5	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 47, 1635 TOTAL HOURS, 108 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MONTGOMERY COUNTY DEPARTURE POINT JASPER, ALA TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED			INTENDED DESTINATION GAITHERSBURG, MD		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 - POORLY PLANNED APPROACH WEATHER - ICING CONDITIONS - INCLUDES SLEET, FREEZING RAIN, ETC. MISCELLANEOUS ACTS, CONDITIONS - AIRFRAME ICE MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE WEATHER FORECAST - WEATHER SLIGHTLY WORSE THAN FORECAST						
SK CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 UK OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TYPE OF FLIGHT PLAN IFR			CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TYPE OF WEATHER CONDITIONS VFR			
REMARKS- MADE 360 ON FINAL APCH FOR SPACING. LND TO L OF RWY. ENCOUNTERED ICING COND ON FLT.						
3-4714	9/14/69 TIME - 1515	THREE OAKS, MICH	CESSNA 172 N3941R DAMAGE SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE UNK/NR, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - OSELKA DEPARTURE POINT THREE OAKS, MICH TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE GEAR COLLAPSED			INTENDED DESTINATION LOCAL		PHASE OF OPERATION LANDING: ROLL LANDING: ROLL	
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE MISCELLANEOUS ACTS, CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT REMARKS- UNAUTHORIZED FLT. NOSE GR STRUCK HOLE OFF RWY.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/V	FLIGHT PURPOSE	PILOT DATA
3-4715	10/25/69	PACIOIMA,CALIF	CESSNA 140 N76269	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, 1331 TOTAL HOURS, 157 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - WHITEMAN				
		DEPARTURE POINT	INTENDED DESTINATION			
		PACIOIMA,CALIF	LOCAL			
		TYPE OF ACCIDENT				
		COLLISION WITH AIRCRAFT: BOTH ON GROUND	PHASE OF OPERATION TAXI: TO TAKEOFF			
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT				
3-4715	10/25/69	PACIOIMA,CALIF	ERCO 415-C N99894	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 110 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - WHITEMAN				
		DEPARTURE POINT	INTENDED DESTINATION			
		PACIOIMA,CALIF	LOCAL			
		TYPE OF ACCIDENT				
		COLLISION WITH AIRCRAFT: BOTH ON GROUND	PHASE OF OPERATION STATIC: IDLING ENGINE(S)			
		PROBABLE CAUSE(S)				
		PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT				
		REMARKS- CESSNA TAXIED ACROSS RWY BETWEEN LNDG ACFT AND STRUCK ERCOUPE IN RUN UP AREA.				

## BRIEFS OF ACCIDENTS

FILE ,	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4716	7/19/69	SELBYVILLE, DEL	BEECH 23 N2329J DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 275 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT NORFOLK VA	INTENDED DESTINATION GASTON CONN	LAST ENROUTE STOP UNKN/JNN/NOT REPORTED		
		TYPE OF ACCIDENT AIRFRAME FAILURE: IN FLIGHT	PHASE OF OPERATION IN FLIGHT: OTHER			
		COLLISION WITH GROUND/WATER: UNCONTROLLED	IN FLIGHT: UNCONTROLLED DESCENT			
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING						
PILOT IN COMMAND - CONTINUED VFR FLIGHT INTO ADVERSE WEATHER CONDITIONS						
PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT						
WEATHER - THUNDERSTORM ACTIVITY						
AIRFRAME - WINGS: RIBS, STRINGER, CAP STRIPS						
AIRFRAME - WINGS: SKIN AND ATTACHMENTS						
MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						
FACTOR(S)						
MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT						
WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY RADIO						
WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
		SKY CONDITION BROKEN	CEILING AT ACCIDENT SITE 2500			
		VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS	PRECIPITATION AT ACCIDENT SITE THUNDERSTORM			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE UNKNOWN/NOT REPORTED	TYPE OF WEATHER CONDITIONS VFR			
		TYPE OF FLIGHT PLAN VFR				
		FIRE AFTER IMPACT				
REMARKS- PLT RPTD IN TROUBLE IN A TSTLL KING OUTER PANEL SEPN OCRD. MFG TESTS SUBSTANTIATE OVERLOAD FAIL.						
3-4717	9/21/69	BUTLER, MO	NAVION A N4150K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 39, 4765 TOTAL HOURS, 840 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT LIBERAL, KANS	INTENDED DESTINATION SPRINGFIELD, OHIO	PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE		
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION	LANDING: ROLL			
		COLLIDED WITH: FENCE, FENCEPOSTS				
PROBABLE CAUSE(S)						
POWERPLANT - ENGINE STRUCTURE: VALVE ASSEMBLIES						
MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE						
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
REMARKS- NR 2 CYL EXHAUST VALVE FAILED. HIGH TIME ENG. LND IN PASTURE.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4710	11/12/69 TIME - 0945	SANFORD, FLA	PIPER PA-28 N559BU DAMAGE-SUBSTANTIAL	CA- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 33, 19 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SANFORD DEPARTURE POINT ORLANDO, FLA INTENDED DESTINATION LOCAL TYPE OF ACCIDENT GR JUMP-WATER LOOP-SWERVE GEAR COLLAPSED PHASE OF OPERATION LANDING: ROLL LANDING: ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE						
3-4719	8/24/69 TIME - 0643	LOS ANGELES, CALIF	CESSNA 172D N2856U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL-INSTR., AGE 35, 1500 TOTAL HOURS, 160 IN TYPE, NOT INSTRU- MENT RATED.
NAME OF AIRPORT - LOS ANGELES DEPARTURE POINT KIVERSTOE, CALIF INTENDED DESTINATION LOS ANGELES, CALIF TYPE OF ACCIDENT PROPELLER/JET/ROTOR BLAST NOSE OVER/DOWN PHASE OF OPERATION STATIC: PARKED-ENGINES NOT OPERATING STATIC: PARKED-ENGINES NOT OPERATING PROBABLE CAUSE(S) PERSONNEL - AIRPORT SUPERVISORY PERSONNEL: OTHER MISCELLANEOUS - PROP/JET/ROTOR BLAST FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - CONGESTED PAMP/TAXIWAY REMARKS- APRT MANAGEMENT ALLOWED THE MIXING OF LIGHT AND HEAVY ACFT IN CLOSE PROXIMITY.						
3-4720	10/4/69 TIME - 1530	PEARBLOSSON, CALIF	SCHENPP-H CIRRUS N240F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 49, 792 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - CRYSTAL DEPARTURE POINT PEARBLOSSON, CALIF INTENDED DESTINATION PEARBLOSSON, CALIF TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH ON GROUND PHASE OF OPERATION STATIC: OTHER PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT REMARKS- N240F AWAITING TOW.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4720	10/4/69 TIME - 1530	PEARBLOSSON, CALIF	SCHWEIZER 2-33 N77795 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	INSTRUCTIONAL TRAINING	STUDENT, AGE 17, 12 TOTAL HOURS, ALL IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - CRYSTAL				
		DEPARTURE POINT	INTENDED DESTINATION			
		PEARBLOSSON, CALIF	PEARBLOSSON, CALIF			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLISION WITH AIRCRAFT; BOTH ON GROUND			LANDING: ROLL	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - MISJUDGED CLEARANCE				
3-4721	10/26/69 TIME - 1445	HANOVER, NJ	SCHEMP SM-1 N103AM DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 92 TOTAL HOURS, 17 IN TYPE, INSTRU- MENT RATED.
		NAME OF AIRPORT - HANOVER				
		DEPARTURE POINT	INTENDED DESTINATION			
		HANOVER, NJ	LOCAL			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		MISCELLANEOUS			IN FLIGHT: CLIMB TO CRUISE	
		COLLISION WITH GROUND/WATER; UNCONTROLLED			LANDING: LEVEL OFF/TOUCHDOWN	
		PROBABLE CAUSE(S)				
		SYSTEMS - FLIGHT CONTROL SYSTEMS; AILERON AND AILERON TAB CONTROL SYSTEM				
		MISCELLANEOUS ACTS/CONDITIONS - IMPROPERLY INSTALLED				
		PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING				
		EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND				
		LATERAL CONTROL PROBLEM				
		REMARKS- GLIDER A WG INSTALLED SO THAT AILERON AUTO CONNECTOR BETWEEN FUSELAGE AND WG IMPROPERLY CONNECTED.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4722	11/16/69	HUNTINGTON, NY	CESSNA 172 N1191F	CR- 0 0 1 PX- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 795 TOTAL HOURS, 84 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT ROMKOPADMA, NY	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION			PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE	
		NOSE OVER/DOWN			LANDING: ROLL	
PROBABLE CAUSE(S)						
POWERPLANT - ENGINE STRUCTURE: MASTER AND CONNECTING RODS						
MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE						
TERRAIN - SANDY						
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
PROP/ENGINE VIBRATION						
REMARKS- NR 1 CONROD AND BEARING FAILED. PLT LND ON BFACH. HIGH TIME ENG.						
3-4723	11/12/69	BATAVIA, NY	BELL 47G-4A N78845	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL COMP/EXEC	COMMERCIAL, FL INSTR., AGE 24, 2834 TOTAL HOURS, 62 IN TYPE, NCT INSTRUMENT RATED.
		NAME OF AIRPORT - VJ CAUTIERI	INTENDED DESTINATION BATAVIA, NY			
		DEPARTURE POINT BATAVIA, NY			PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE	
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION			LANDING: POWER-OFF AUTOROTATIVE LANDING	
		HARD LANDING				
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS						
MISCELLANEOUS ACTS, CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/FAILED TO USE						
MISCELLANEOUS ACTS, CONDITIONS - ICE-CARBURETOR						
WEATHER - CONDITIONS CONDUCTIVE TO CARB./INDUCTION SYSTEM ICING						
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS						
COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE						
WEATHER BRIEFING - NO BRIEFING RECEIVED						
WEATHER FORECAST - UNKNOWN/NCT REPORTED						
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND						
		SKY CONDITION CLEAR			CEILING AT ACCIDENT SITE UNLIMITED	
		VISIBILITY AT ACCIDENT SITE 5 OR OVER			PRECIPITATION AT ACCIDENT SITE NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			TEMPERATURE-F 45	
		WIND DIRECTION-DEGREES 215			WIND VELOCITY-KNOTS 10	
		TYPE OF WEATHER CONDITIONS VFR			TYPE OF FLIGHT PLAN NONE	
REMARKS- DEN POINT 43 DEG F.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4724	12/29/69	WARWICK, RI	STINSIN 108-1 N400T DAMAGE--SUBSTANTIAL	CR- 0 0 1 PR- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 983 TOTAL HOURS, 500 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - T.F. GREEN STATE DEPARTURE POINT INTENDED DESTINATION WARWICK, RI SPITFIELD, RI TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAXI: TO TAKEOFF CULTURED WITH SNOWBANK TAXI: TO TAKEOFF PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- PLT STATED BRAKES DEFECTIVE. INVEST NOT STARTED FOR 4 MOS. ACFT TIED DOWN SINCE ACCDT.						
3-4725	12/21/69	MUSKOGEE, OKLA	BEECH L35 N1900 DAMAGE--SUBSTANTIAL	CR- 0 0 1 PR- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 39, 990 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HATCH DEPARTURE POINT INTENDED DESTINATION MUSKOGEE, OKLA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING: ROLL PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 OR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 350 TYPE OF WEATHER CONDITIONS VFR REMARKS- NOSE, MAIN GR RETRACT AIDS FOUND BENT, REPLACED ALONG WITH NOSE AND A GR DOJR. LOG GR TEST OK.						
CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND CALM WIND VELOCITY-KNOTS 15 TYPE OF FLIGHT PLAN NONE						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S N/N	FLIGHT PURPOSE	PILOT DATA
3-4726	2/3/69	ISLAND PARK, NY	HILLER ACFT FM1100 N401PD DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	INSTRUCTIONAL TRAINING	COMMERCIAL, AGE 45, 2697 TOTAL HOURS, 311 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - NASSAU POLICE DEPARTURE POINT INTENDED DESTINATION EAST ROCKAWAY, NY LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE LANDING: POWER-OFF AUTOROTATIVE LANDING PROBABLE CAUSE(S) MISCELLANEOUS ACTS, CONDITIONS - SIMULATED CONDITIONS POWERPLANT - FUEL SYSTEM: FUEL CONTROL PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- FUEL CONTROL DECELERATION SCHEDULE WENT TO A TOO LEAN SETTING WHEN THROTTLE ABRUPTLY MOVED TO IDLE						
3-4727	8/11/69	NH. SULTAN, WASH	CESSNA 150 N30525 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, FL INSTR., AGE 39, 2001 TOTAL HOURS, 1440 IN TYPE, NOT INSTRU- MENT RATED.
DEPARTURE POINT INTENDED DESTINATION BELLEVUE, WASH LOCAL TYPE OF ACCIDENT STALL: SPIN PHASE OF OPERATION IN FLIGHT: OTHER PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- EXPERIMENTAL SPIN TEST, AFT CG LIMIT. PLT COULDN'T RECOVER, PARACHUTED. ACFT NOT FOUND.						
3-4728	10/11/69	PENSACOLA, FLA	CESSNA 170B N1878C DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 44, 120 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - THREE STAR DEPARTURE POINT INTENDED DESTINATION PENSACOLA, FLA PENSACOLA, FLA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NOSE OVER/DOWN PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE LANDING: ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION TERRAIN - WET, SOFT GROUND COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- A TK FOUND EMPTY, 10 GALS FUEL DRAINED FROM L TK AFT ACFT. NO CONTAMINATION FOUND.						



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