

VH - Aeronautics  
Accidents

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MAKING

**BRIEFS OF ACCIDENTS  
INVOLVING  
AMATEUR/HOME BUILT AIRCRAFT  
U.S. GENERAL AVIATION  
1973**



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ALL TRANSPORTATION SAFETY

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TSB  
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MM A  
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NTSB  
AMM Amateur/Home Built  
75-9 Aircraft  
1973

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16. Abstract  This publication contains reports of U. S. general aviation accidents involving amateur/home built aircraft occurring in 1973. Included are 116 accident Briefs, 30 of which involve fatal accidents. The brief format presents the facts, conditions, circumstances and probable cause(s)/factor(s) for each accident. Additional statistical information is tabulated by type of accident, phase of operation, injury index, aircraft damage, pilot certificate, injuries and causal/factor(s). This publication will be published annually.					
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## FOREWORD

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

In 1973, U. S. amateur/home built aircraft were involved in 116 accidents, 30 of which were fatal. In comparison the entire General Aviation fleet incurred 4,255 total accidents and 723 fatal accidents.

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

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

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

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

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## EXPLANATORY NOTES

### Type of Accident:

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

### Phase of Operation:

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

### First and Second Type of Accident:

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

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

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

### First and Second Phase of Operation:

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

### Cause and Related Factors:

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

# LIST OF ABBREVIATIONS USED IN BRIEFS

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

INJURIES, ACCIDENTS  
AMATEUR/HOME BUILT AIRCRAFT  
U. S. GENERAL AVIATION

1973

INJURIES					
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN
PILOT	30	19	18	49	
COPILOT	1				
DUAL STUDENT					
CHECK PILOT					
FLIGHT ENGINEER					
NAVIGATOR					
CABIN ATTENDANT					
EXTRA CREW					
PASSENGERS	2	2	1	4	
TOTAL	33	21	19	53	ABOARD
OTHER AIRCRAFT					
OTHER GROUND					
GRAND TOTAL	33	21	19	53	

INVOLVES 116 TOTAL ACCIDENTS  
INVOLVES 30 FATAL ACCIDENTS



## ANALYTIC TABLE

## KIND OF FLYING BY PILOT CERTIFICATE

KIND OF FLYING	PILOT CERTIFICATE								RECORDS	ACCIDENTS	
	STUDENT	PRIVATE	COMMERCIAL	ATR	PRIVATE/ FL INSTR.	COMMERCIAL/ FL INSTR.	ATR/ FL INSTR.	OTHER			NONE
<u>INSTRUCTIONAL</u>											
DUAL											
SOLO											
CHECK											
TRAINING	3									3	3
<u>NONCOMMERCIAL</u>											
PLEASURE	12	49	14	3	7			3	1	89	89
PRACTICE	1	2	2	1						6	6
BUSINESS											
CORPORATE/EXECUTIVE											
AERIAL SURVEY											
COMPANY FLIGHT											
OTHER											
<u>COMMERCIAL</u>											
AERIAL APPLICATION											
CROP CONTROL RELATED FLIGHT											
FIRE CONTROL											
FIRE CONTROL RELATED FLIGHT											
AERIAL MAPPING/PHOTOGRAPHY											
AERIAL ADVERTISING											
POWER AND PIPELINE PATROL											
FISH SPOTTING											
AIR TAXI-PASSENGER OPERATIONS											
AIR TAXI-CARGO OPERATIONS											
CONSTRUCTION WORK											
SCHEDULED PASSENGER SERVICE											
SCHEDULED CARGO SERVICE											
INTRA-STATE CHARTER PASSG.											
INTRA-STATE CHARTER CARGO.											
MILITARY CONTRACT-PASSENGER											
MILITARY CONTRACT-CARGO											
CHARTER CARGO-DOMESTIC											
CHARTER PASSG-DOMESTIC											
CHARTER-CARGO-INTERNATIONAL											
CHARTER-PASSG-INTERNATIONAL											

# KIND OF FLYING BY PILOT CERTIFICATE

## PILOT CERTIFICATE

### KIND OF FLYING

STUDENT  
PRIVATE  
COMMERCIAL  
ATR  
PRIVATE/ FL. INSTR.  
COMMERCIAL/ FL. INSTR.  
ATR/ FL. INSTR.  
OTHER  
NONE  
UNKNOWN/  
NOT REPORTED

RECORDS ACCIDENTS

UNKNOWN/NOT REPORTED

### MISCELLANEOUS

EXPERIMENTATION

1

1

1

TEST

8

3

1

12

12

DEMONSTRATION

FERRY

3

3

3

SEARCH AND RESCUE

AIR SHOW/AIR RACING

1

1

2

2

PARACHUTE JUMP

PARACHUTE JUMP-AIR SHOW

TOWING GLIDERS

SEEDING CLOUDS

HUNTING

POLICE PATROL

HIGHWAY TRAFFIC ADVISORY

ALL OTHER PUBLIC FLYING

OTHER

UNKNOWN/NOT REPORTED

RECORDS

16

60

23

5

8

3

1

116

ACCIDENTS

16

60

23

5

8

3

1

116

## ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

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

# ANALYTIC TABLE

## FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

FIRST TYPE OF ACCIDENT	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS
	DESTROYED	SUBSTANTIAL	MINOR	NONE		
<u>BIRD STRIKE</u>						
<u>STALL</u>	3	4			7	7
SPIN	5				5	5
SPIRAL						
MUSH	1	1			2	2
<u>FIRE OR EXPLOSION</u>						
IN FLIGHT						
ON GROUND						
<u>AIRFRAME FAILURE</u>						
IN FLIGHT	6				6	6
ON GROUND		1			1	1
ENGINE TEARAWAY						
ENGINE FAILURE OR MALFUNCTION	8	30	1		39	39
<u>PROPELLER/ROTOR FAILURE</u>						
PROPELLER						
TAIL ROTOR						
MAIN ROTOR	1	1			2	2
PROP ROTOR ACNT TO PERSON						
JET INTAKE/EXH ACNT TO PERS						
PROPELLER/JET/ROTOR BLAST						
<u>TURBULENCE</u>						
<u>HAIL DAMAGE TO AIRCRAFT</u>						
LIGHTNING STRIKE						
EVASIVE MANUEVER						
UNCONTROLLED ALT DEVIATION						
DITCHING						
MISSING ACFT NOT RECOVERED						
MISCELLANEOUS/OTHER	2				2	2
UNDETERMINED						
RECORDS	38	77	1		116	
ACCIDENTS	38	77	1			116

# ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
<u>STATIC</u>						
STARTING ENGINE/S						
IDLING ENGINE/S						
ENGINE RUNUP						
IDLING ROTORS						
PARKED-ENGINES NOT OPERATING						
OTHER						
<u>TAXI</u>						
TO TAKEOFF				1	1	1
FROM LANDING						
OTHER		1			1	1
GROUND TAXI TO TAKEOFF						
GROUND TAXI FROM LANDING						
GROUND TAXI, OTHER						
AERIAL TAXI TO TAKEOFF						
AERIAL TAXI TO/FROM LANDING						
AERIAL TAXI, OTHER						
<u>TAKEOFF</u>						
RUN				3	3	3
INITIAL CLIMB	7	8	4	11	30	30
VERTICAL						
RUNNING						
ABORTED						
ABORTED						
ABORTED						
OTHER						
<u>INFLIGHT</u>						
CLIMB TO CRUISE		1	1	1	3	3
NORMAL CRUISE	2	1	1	5	9	9
DESCENDING			1		1	1
HOLDING						
HOVERING				1	1	1
POWER-ON DESCENT						
AUTOROTATIVE DESCENT						
ACROBATICS	3	1	1		5	5
HUZZING			1		1	1

# ANALYTIC TABLE

## FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
UNCONTROLLED DESCENT	1	1			2	2
EMERGENCY DESCENT						
LOW PASS	1			2	3	3
OTHER	7	1	2		10	10
EN ROUTE TO TREAT CROP						
EN ROUTE TO RELOADING AREA						
SURVEY FIELD/AREA						
STARTING SWATH RUN						
SWATH RUN						
FLAREOUT FOR SWATH RUN						
PULLUP FROM SWATH RUN						
PROCEDURE TURNAROUND						
CLEANUP SWATH						
MANEUVER TO AVOID OBSTRUCTION						
RETURN TO STRIP						
<u>LANDING</u>						
TRAFFIC PATTERN-CIRCLING	5	1	2	3	11	11
FINAL APPROACH	2	2	2	1	7	7
INITIAL APPROACH						
FINAL APPROACH						
LEVEL OFF/TOUCHDOWN	1	2	3	8	14	14
ROLL	1		1	12	14	14
ROLL-ON/RUN-ON						
POWER-ON LANDING						
POWER-OFF AUTOROTATIVE LDG						
GO-AROUND						
MISSED APPROACH						
OTHER						
UNKNOWN/NOT REPORTED						
RECORDS	30	19	19	48	116	
ACCIDENTS	30	19	19	48		116

CAUSE/FACTOR TABLE  
AMATEUR/HOME BUILT AIRCRAFT  
U.S. GENERAL AVIATION

1973

INVOLVES 116 TOTAL ACCIDENTS  
INVOLVES 30 FATAL ACCIDENTS

BROAD CAUSE/FACTOR -----	FATAL ACCIDENTS -----			NONFATAL ACCIDENTS -----			ALL ACCIDENTS -----		
	CAUSE -----	FACTOR -----	TOTAL* -----	CAUSE -----	FACTOR -----	TOTAL* -----	CAUSE -----	FACTOR -----	TOTAL* -----
PILOT	22 73.33	5 16.67	23 76.67	68 79.07	11 12.79	68 79.07	90 77.59	16 13.79	91 78.45
PERSONNEL	5 16.67	0 .00	5 16.67	13 15.12	2 2.33	15 17.44	18 15.52	2 1.72	20 17.24
AIRFRAME	2 6.67	0 .00	2 6.67	2 2.33	0 .00	2 2.33	4 3.45	0 .00	4 3.45
LANDING GEAR	0 .00	0 .00	0 .00	2 2.33	1 1.16	3 3.49	2 1.72	1 .86	3 2.59
POWERPLANT	3 10.00	0 .00	3 10.00	16 18.60	0 .00	16 18.60	19 16.38	0 .00	19 16.38
SYSTEMS	2 6.67	0 .00	2 6.67	2 2.33	0 .00	2 2.33	4 3.45	0 .00	4 3.45
INSTRUMENTS/EQUIPMENT AND ACCESSORIES	0 .00	1 3.33	1 3.33	0 .00	0 .00	0 .00	0 .00	1 .86	1 .86
ROTORCRAFT	1 3.33	1 3.33	1 3.33	1 1.16	0 .00	1 1.16	2 1.72	1 .86	2 1.72
AIRPORTS/AIRWAYS/FACILITIES	0 .00	0 .00	0 .00	3 3.49	5 5.81	8 9.30	3 2.59	5 4.31	8 6.90
WEATHER	0 .00	3 10.00	3 10.00	5 5.81	7 8.14	12 13.95	5 4.31	10 8.62	15 12.93
TERRAIN	1 3.33	2 6.67	3 10.00	13 15.12	10 11.63	23 26.74	14 12.07	12 10.34	26 22.41
MISCELLANEOUS	2 6.67	1 3.33	3 10.00	8 9.30	4 4.65	11 12.79	10 8.62	5 4.31	14 12.07
UNDETERMINED	2 6.67	0 .00	2 6.67	0 .00	0 .00	0 .00	2 1.72	0 .00	2 1.72

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

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

CAUSE/FACTOR TABLE  
AMATEUR/HOME BUILT AIRCRAFT  
U.S. GENERAL AVIATION

1973

INVOLVES 116 TOTAL ACCIDENTS  
INVOLVES 30 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR -----	FATAL ACCIDENTS -----			NONFATAL ACCIDENTS -----			ALL ACCIDENTS -----		
	CAUSE -----	FACTOR -----	TOTAL -----	CAUSE -----	FACTOR -----	TOTAL -----	CAUSE -----	FACTOR -----	TOTAL -----
** PILOT **									
PILOT IN COMMAND									
ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT		1	1	2		2	2	1	3
ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL	3		3	4	3	7	7	3	10
BECAME LOST/DISORIENTED				1		1	1		1
DELAYED IN INITIATING GO-AROUND				1		1	1		1
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT				1		1	1		1
EXCEEDED DESIGN STRESS LIMITS OF AIRCRAFT							1		1
FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS	1		1	1		1	1		1
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	12		12	13		13	25		25
MISJUDGED, SPEED, ALTITUDE OR CLEARANCE				1		1	1		1
FAILED TO MAINTAIN ADEQUATE ROTOR RPM	3		3	1		1	4		4
FAILED TO USE OR INCORRECTLY USED MISC. EQUIPMENT				1		1	1		1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC				1	2	3	1	2	3
IMPROPER OPERATION OF POWERPLANT + POWERPLANT CONTROLS	1		1	2		2	3		3
IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS				1		1	1		1
IMPROPER OPERATION OF FLIGHT CONTROLS	12		12	11		11	23		23
IMPROPER LEVEL OFF	1		1	9		9	10		10
IMPROPER IN-FLIGHT DECISIONS OR PLANNING				2		2	2		2
IMPROPER COMPENSATION FOR WIND CONDITIONS				5		5	5		5
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING	4		4	9	1	10	13	1	14
LACK OF FAMILIARITY WITH AIRCRAFT	4		6	16	7	23	20	9	29
MISMANAGEMENT OF FUEL	1		1	8		8	9		9
EXERCISED POOR JUDGMENT		1	1	1		1	1	1	2
SELECTED UNSUITABLE TERRAIN	1		1	1		1	2		2
MISJUDGED DISTANCE AND SPEED				3		3	3		3
MISJUDGED DISTANCE AND ALTITUDE				4		4	4		4
MISJUDGED SPEED AND ALTITUDE				4		4	4		4
MISJUDGED ALTITUDE AND CLEARANCE	1		1				1		1
MISJUDGED ALTITUDE	2		2	1		1	3		3
MISJUDGED CLEARANCE				1		1	1		1
IMPROPER RECOVERY FROM BOUNCED LANDING	1		1	1		1	2		2
PHYSICAL IMPAIRMENT		1	1					1	1
FAILED TO MAINTAIN DIRECTIONAL CONTROL				10		10	10		10
SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND				2		2	2		2
FAILED TO ABORT TAKEOFF				1		1	1		1
FAILED TO INITIATE GO-AROUND				3		3	3		3
SUBTOTAL	47	5	52	122	13	135	169	18	187
** PERSONNEL **									
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
IMPROPER MAINTENANCE (OWNER PERSONNEL)				2		2	2		2
INADEQUATE INSPECTION OF ACFT (OWNER-PILOT PERSONNEL)	1		1				1		1
INADEQUATE MAINTENANCE AND INSPECTION	3		3	1	2	3	4	2	6
OTHER				1		1	1		1
OPERATIONAL SUPERVISORY PERSONNEL									
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
AIRPORT SUPERVISORY PERSONNEL									
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
POOR/INADEQUATE DESIGN							4		4
OTHER	1		1	4		4	5		5
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT				1		1	1		1
THIRD PILOT									
FLIGHT ENGINEER									
DISPATCHING									



## CAUSE/FACTOR TABLE

## PERSONNEL (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
SUBTOTAL	5		5	13	2	15	18	2	20
** AIRFRAME **									
WINGS									
SPARS	1		1				1		1
FUSELAGE									
BULKHEADS				1		1	1		1
LANDING GEAR				1		1	1		1
MAIN GEAR-SHOCK ABSORBING ASSY, STRUTS, ATTACHMENTS, ETC				1		1	1		1
BRKING SYSTEM (NORMAL)				1	1	2	1	1	2
FLIGHT CONTROL SURFACES									
HORIZONTAL STABILIZER, ATTACHMENTS	1		1				1		1
DIRECT ENTRIES				1		1	1		1
SUBTOTAL	2		2	4	1	5	6	1	7
** POWERPLANT **									
ENGINE STRUCTURE									
MOUNT AND VIBRATION ISOLATORS	1		1				1		1
OTHER				3		3	3		3
IGNITION SYSTEM									
MAGNETOES				3		3	3		3
FUEL SYSTEM									
LINE AND FITTINGS				1		1	1		1
CARBURETOR				2		2	2		2
PUMPS				1		1	1		1
LUBRICATING SYSTEM									
COOLING SYSTEM									
PROPELLER AND ACCESSORIES									
EXHAUST SYSTEM									
ENGINE ACCESSORIES									
ENGINE CONTROLS-COCKPIT									
THROTTLE-POWER LEVER ASSEMBLIES	1		1				1		1
POWERPLANT-INSTRUMENTS									
MISCELLANEOUS									
POWERPLANT FAILURE FOR UNDETERMINED REASONS	1		1	6		6	7		7
REDUCTION GEAR ASSEMBLY									
COMPRESSOR ASSEMBLY									
COMBUSTION ASSEMBLY									
TURBINE ASSEMBLY									
ACCESSORY DRIVE ASSEMBLY									
LUBRICATING SYSTEM									
FUEL SYSTEM									
SAFETY SYSTEM									
IGNITION SYSTEM									
TORQUEMETER									
AIR BLEED									
EXHAUST SYSTEM									
THRUST REVERSER									
PROPELLER SYSTEM									
CONSTANT SPEED DRIVE									
POWER LEVER									
PROPELLER LEVER									
REVERSE THRUST LEVER									
ENGINE INDICATING EQUIPMENT									
ENGINE INSTALLATION									
SUBTOTAL	3		3	16		16	19		19
** SYSTEMS **									
ELECTRICAL SYSTEM									
HYDRAULIC SYSTEM									
OTHER				1		1	1		1
FLIGHT CONTROL SYSTEMS									
AILERON AND AILERON TAB CONTROL SYSTEM				1		1	1		1
RUDDER AND RUDDER TAB CONTROL SYSTEM	1		1				1		1
OTHER	1		1				1		1
ANTI-ICING, DE-ICING SYSTEMS									
AIR CONDITION, HEATING AND PRESSURIZATION									
AUTO PILOT									

## CAUSE/FACTOR TABLE

## SYSTEMS (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
FIRE WARNING SYSTEM									
FIRE EXTINGUISHER SYSTEM									
OXYGEN SYSTEM									
OTHER SYSTEMS									
SUBTOTAL	2		2	2		2	4		4
** INSTRUMENTS/EQUIPMENT AND ACCESSORIES **									
FLIGHT AND NAVIGATION INSTRUMENTS									
COMMUNICATIONS AND NAVIGATION EQUIPMENT									
MISCELLANEOUS EQUIPMENT									
GLIDER LAUNCH/TOW EQUIPMENT		1	1					1	1
SUBTOTAL		1	1					1	1
** ROTORCRAFT **									
ROTOR ASSEMBLIES									
MAIN ROTOR BLADES		1	1					1	1
MAIN ROTOR HEAD ASSEMBLIES				1		1	1		1
TRANSMISSION ROTOR DRIVE SYSTEM									
FLIGHT CONTROL SYSTEMS									
CYCLIC PITCH CONTROL SYSTEM	1		1				1		1
MISCELLANEOUS UNITS AND ASSEMBLIES									
TAIL BOOMS/PYLONS/CONES		1	1					1	1
SUBTOTAL	1	2	3	1		1	2	2	4
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
TAXIWAY LIGHTING AND MARKING					1	1		1	1
AIRPORT CONDITIONS									
HIGH VEGETATION				1	2	3	1	2	3
HIDDEN HAZARD				1		1	1		1
OTHER				1	2	3	1	2	3
AIRWAYS FACILITIES									
SUBTOTAL				3	5	8	3	5	8
** WEATHER **									
CONDITIONS CONDUCTIVE TO CARB/INDUCTION SYSTEM ICING		1	1	1	2	3	1	3	4
UNFAVORABLE WIND CONDITIONS		1	1	3	2	5	3	3	6
TURBULENCE IN FLIGHT, CLEAR AIR					1	1		1	1
DOWNDRAFTS, UPDRAFTS				1	2	3	1	2	3
THUNDERSTORM ACTIVITY		1	1					1	1
SUBTOTAL		3	3	5	7	12	5	10	15
** TERRAIN **									
WET, SOFT GROUND		1	1					1	1
HIGH VEGETATION				3		3	3		3
HIDDEN OBSTRUCTIONS				1		1	1		1
ROUGH/UNEVEN				3	5	8	3	5	8
HIGH OBSTRUCTIONS	1	1	2	4	4	8	5	5	10
OTHER				2	1	3	2	1	3
SUBTOTAL	1	2	3	13	10	23	14	12	26
** MISCELLANEOUS **									
ANIMAL(S) ON RUNWAY/TAXIWAY/HAMP				1	1	2	1	1	2
EVASIVE MANEUVER TO AVOID COLLISION				5	2	7	5	2	7
UNQUALIFIED PERSON OPERATED AIRCRAFT		1	1		1	1		2	2
FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS				2		2	2		2
UNDETERMINED	2		2				2		2
DIRECT ENTRIES	2		2				2		2

## CAUSE/FACTOR TABLE

## MISCELLANEOUS (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
SUBTOTAL	4	1	5	8	4	12	12	5	17
GRAND TOTAL	65	14	79	187	42	229	252	56	308
** MISCELLANEOUS ACTS, CONDITIONS **									
ANTI-ICING/DEICING EQUIP-IMPROPER OPER. OF/FAILED TO USE	1		1	1		1	2		2
DISREGARD OF GOOD OPERATING PRACTICE		1	1					1	1
NOT ALLIGNED WITH RUNWAY/INTENDED LANDING AREA					1	1		1	1
UNWARRANTED LOW FLYING	2		2	1		1	3		3
POORLY PLANNED APPROACH				1		1	1		1
MISCALCULATED FUEL CONSUMPTION				1	1	2	1	1	2
STOLEN OR UNAUTHORIZED USE OF AIRCRAFT					1	1		1	1
IMPROPERLY SECURED				1		1	1		1
FATIGUE FRACTURE	1		1				1		1
SEPARATION IN FLIGHT		3	3					3	3
FUEL EXHAUSTION	1		1	8		8	9		9
ICE-CARBURETOR	1		1	3		3	4		4
WATER IN FUEL	1		1				1		1
AIRCRAFT CAME TO REST IN WATER								3	3
TOUCH AND GO LANDING					1	1		1	1
OVERLOAD FAILURE	2	2	4		10	10	2	12	14
MATERIAL FAILURE	1		1	4		4	5		5
FUEL STARVATION				7		7	7		7
POOR WELD	1		1				1		1
PREVIOUS DAMAGE				1		1	1		1
DOWNWIND					2	2		2	2
LOOSE, PART/FITTING				1		1	1		1
DISCONNECTED	2		2				2		2
IMPROPERLY INSTALLED	1		1	1		1	2		2
STUCK				1		1	1		1
ICE-INDUCTION				1		1	1		1
INTENTIONAL GROUND-WATER LOOP-SWERVE				2		2	2		2

## DIRECT ENTRY CAUSES

FLT CONTROLS-AERODYNAMIC LOSS OF ELEVATOR CONTROL  
 MISC-TOW ROPE FAILED TO RELEASE FOR UNDTKMD REASON  
 PLT-LOSS OF CTL AT ALT TOO LOW TO EFFECT RCVRY.

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



LISTING OF ACCIDENTS  
AMATURE/HOME BUILT AIRCRAFT  
U.S. GENERAL AVIATION  
1973  
(IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 0005	N808RJ	011973	HENDERSONVILLE, NC	FLYBABY	M-1	SERIOUS
3 0158	N661G	010773	LONG BEACH, CALIF	SCHMIDT	SA100A	FATAL
3 0159	N8847	010773	TUCSON, ARIZ	KEITH	K-1	NONE
3 0206	N2268	012873	RIVERSIDE, CALIF	STARDUSTER	SA100	NONE
3 0284	N10JK	010773	HOMESTEAD, FLA	PITTS	S-1	NONE
3 0320	N10041	011673	WESTFIELD, MASS	SPORT-AIRE	IISS	NONE
3 0357	N3095	022473	HIGHLAND, CALIF	SCORPION	UXCR-1	MINOR
3 0410	N2546	021573	SALINAS, CALIF	BENSEN	B-8M	NONE
3 0411	N1571	021873	ADELANTO, CALIF	BENSEN	B-8M	SERIOUS
3 0766	N310	042373	COALINGA, CALIF	BENSEN	BPM	MINOR
3 0801	N8851	041773	MERIDEN, CONN	SCORPION	II	NONE
3 0901	N5510	041473	LANGLEY, WASH	WOOD	VJ-22	SERIOUS
3 0941	N4SG	041473	ALAMANCE, NC	WHITMAN	W-8	FATAL
3 0986	N1581	050773	BOERNE, TEX	PITTS	S1C	NONE
3 1044	N6170	041273	CHINO, CALIF	MINI HAWK	01	FATAL
3 1071	N5936	053173	KIMBALL, NEBR	GERNR EVANS	WE-1	MINOR
3 1126	N1SR	051673	CHINO, CALIF	NIEUPORT	28	NONE
3 1255	N213P	060673	MINOT, N DAK	SIROCCO	MJ5	MINOR
3 1279	N2418	052273	ARCHDALE, NC	BERG-AERO	19181A	NONE
3 1303	N8719E	051973	BUCKINGHAM, VA	BANNICK	T-100	FATAL
3 1317	N4705	042573	NORTH ADAMS, MASS	COOK	TERN	NONE
3 1353	N14439	060973	AMELIA, OHIO	BENSEN	B-8M	NONE
3 1379	N6552	040873	NAPERVILLE, ILL	VOLKSPLANE	473	SERIOUS
3 1381	N11PL	052073	VERSAILLES, OHIO	PITTS SPL	SC-1	MINOR
3 1386	N2793	050573	SEYMOUR, IND	EFF GRAHAM	MIDGET	NONE
3 1390	N5406	051773	NGRAND ISLAND, NEBR	SCORPION	SINGLE	FATAL

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0159	1/7/73 TIME - 1600	TUCSON, ARIZ	KEITH K-1 N8847 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 48, 46 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - RYAN DEPARTURE POINT TUCSON, ARIZ INTENDED DESTINATION LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HAND LANDING PHASE OF OPERATION TAKEOFF: INITIAL CLIMB LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL: POOR/INADEQUATE DESIGN MISCELLANEOUS ACTS, CONDITIONS - ICE INDUCTION PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. REMARKS- PLT STATED INTAKE MANIFOLD TOO LONG, ALLOWED ICE TO FORM. HAD 20 MIN IN TYPE ACFT. VW ENG.						
3-3070	9/22/73 TIME - 1225	ASHFORK, ARIZ	BOWERS FLY BABY N247AF DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 50, 1370 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ASHFORK DEPARTURE POINT ASHFORK, ARIZ INTENDED DESTINATION LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: TREES PHASE OF OPERATION TAKEOFF: INITIAL CLIMB LANDING: ROLL PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM: CARBURETOR MISCELLANEOUS ACTS, CONDITIONS - LOOSE, PART/FITTING MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION TERRAIN - HIGH OBSTRUCTIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- CARB FLOAT NEEDLE SEAT LOOSE, ACFT BUILT & OPERATED BY PUBLIC SCHOOL, SECOND FLT.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3830	10/19/73	YUMA, ARIZ	EFA BIPLANE P-1 N4091 DAMAGE-DESTROYED	CH- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 29, 888 TOTAL HOURS, 59 IN TYPE, INSTRUMENT RATED.
<p>NAME OF AIRPORT - YUMA INTL DEPARTURE POINT YUMA, ARIZ TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER: CONTROLLED</p> <p>INTENDED DESTINATION SCOTTSDALE, ARIZ</p> <p>PHASE OF OPERATION TAKEOFF: RUN LANDING: LEVEL OFF/TOUCHDOWN</p> <p>PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS: POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - FAILED TO ABORT TAKEOFF</p> <p>FACTOR(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- MANEUVER TO AVOID TREES, FIRST FLT AFTER ENG REPAIRS FOR ROUGHNESS, PLT CONT TKOF AFTER POWER LOSS.</p>						
3-015A	1/7/73	LONG BEACH, CALIF	SCHMIDT SA100A N661G DAMAGE-DESTROYED	CH- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
<p>NAME OF AIRPORT - LONG BEACH DEPARTURE POINT LONG BEACH, CALIF TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: WIRES/POLES</p> <p>INTENDED DESTINATION LCCAL</p> <p>PHASE OF OPERATION TAKEOFF: INITIAL CLIMB TAKEOFF: INITIAL CLIMB</p> <p>PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS: POWERPLANT FAILURE FOR UNDETERMINED REASONS TERRAIN - HIGH OBSTRUCTIONS PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE</p>						
3-0206	1/24/73	RIVERSIDE, CALIF	STARDUSTER SA100 N2268 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 61, 1880 TOTAL HOURS, 123 IN TYPE, NOT INSTRUMENT RATED.
<p>NAME OF AIRPORT - FLAROB DEPARTURE POINT LONG BEACH, CALIF TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH: FENCE, FENCEPOSTS</p> <p>INTENDED DESTINATION RIVERSIDE, CALIF</p> <p>PHASE OF OPERATION LANDING: ROLL LANDING: ROLL</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS REMARKS- WIND VKHL, GUSTING 15K.</p>						

LISTING OF ACCIDENTS  
AMATEUR/HOME BUILT AIRCRAFT  
U.S. GENERAL AVIATION  
1973  
(IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2935	N702MS	072273	MAKLBORO, OHIO	THORP	T-18	FATAL
3 2951	N3196	090873	SALINAS, CALIF	BENSEN	B8M	NONE
3 2973	N99151	092373	MONTICELLO, IND	TEENIE	TWO	SERIOUS
3 2975	N4X	073073	MERRIVILLE, IND	JEANIES	TWO	SERIOUS
3 2979	N701D	101973	COMMERCE, TEX	JUNGMEISTER	BUCKER	MINOR
3 2988	N72WM	092373	FREMONT, CALIF	W. MARRA	DRIFTR	FATAL
3 3010	N17PS	092273	PALO ALTO, CALIF	DELMAR OTT	OMS	NONE
3 3043	N2992	101073	TRACY, CALIF	AIRSCOUT	L001	FATAL
3 3063	N4029	083173	HALE, MICH	BREEZY	RLU-1	FATAL
3 3070	N247AF	092273	ASHFORK, ARIZ	BOWERS FLY	BABY	MINOR
3 3146	N17123	102573	EXETER, CALIF	SCORPION	1	MINOR
3 3148	N125PC	100773	AUKORA, COLO	STOLP	STARLT	MINOR
3 3171	N11511	100473	SALT LAKE CITY, UT	WITTMAN	W-8	MINOR
3 3182	N15JH	072373	MACK, COLO	MINIPLANE	DSAI	SERIOUS
3 3198	N5392	102373	LAKEWOOD, NJ	PIETENPOL	AIRCAM	NONE
3 3286	NONE	102873	SOUTH PARIS, ME	BOWERS FLY	BABY	MINOR
3 3291	N50GP	102173	W. KINGSTON, RI	PUTTERWORTH	TEENIE	MINOR
3 3314	N661	102673	NLANTANA, FLA	THOMPSON	CRAFT	MINOR
3 3342	N43FS	111673	HARLINGEN, TEX	MORANE	FI156C	NONE
3 3457	N6186	060973	TUCKERTON, NJ	JEANIE 2	TEENIE	FATAL
3 3507	N9DH	112573	ORMOND BEACH, FLA	JODEL	F-12	FATAL
3 3517	N711PC	111073	SAND SPRINGS, OKLA	CAMERON	SKYBLT	FATAL
3 3534	N6237	112373	OLNEY, TEX	BENSEN	B8M	MINOR
3 3555	N71DR	102573	ROCKY FACE, GA	ROBERTS	HANDIT	NONE
3 3675	N4386	110473	NADELANTO, CALIF	JOHANNSEN	BENSEN	NONE
3 3784	N3695	110373	THOMASVILLE, NC	SPEZIO	SPORT	MINOR



LISTING OF ACCIDENTS  
AMATURE/HOME BUILT AIRCRAFT  
U.S. GENERAL AVIATION  
1973  
(IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
-----	-----	-----	-----	-----	-----	-----
3 3826	N17RS	112573	CHINO,CALIF	SCHMIDT JR	II	NONE
3 3830	N4091	101973	YUMA,ARIZ	EEA BIPLANE	P-1	NONE
3 3835	N47244	112373	UNIONTOWN,MD	VOLKSPLANE	VP-1	FATAL
3 3864	N71RC	120873	MILLVILLE,NJ	TAYLOR	MONO	FATAL
3 3865	N6020	110673	SALISBURY,NC	BENSON	B8M	SERIOUS
3 3920	N1007N	111273	PRIOR LAKE,MINN	VOLMER	VJ-22	FATAL
3 4042	N5S	090973	SPOKANE,WASH	PITTS	S-1C	NONE
3 4076	N66S	100473	DALLESFORT,WASH	SORRELL	SNS-6	SERIOUS
3 4141	N5578	070173	IONIA,MICH	WIKOFF	PHOTON	FATAL
3 4146	N74872	061073	MACOMB,ILL	STITS	SA-3A	FATAL
3 4153	N181J	101573	RIVERSIDE,CALIF	STARDUSTER	ACKO-1	NONE
3 4170	N7J	122373	LEESBURG,FLA	PITTS	S1C	FATAL



NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20591

BRIEFS OF ACCIDENTS

AMATEUR/HOME BUILT AIRCRAFT

U.S. GENERAL AVIATION

1973

(IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1497	4/22/73 TIME - 1700	WETUMPKA,ALA	BREEZY TB-1 N429KT DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 38, 449 TOTAL HOURS, 1 IN TYPE. INSTRUMENT PATED.
NAME OF AIRPORT - WETUMPKA MUN DEPARTURE POINT INTENDED DESTINATION WETUMPKA,ALA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - IMPROPER LEVEL OFF REMARKS- LVLD OFF ABT 7-10FT ABV RWY HIT NOSE GR FIRST.DMGD NOSE SECT,R WING TIP AND R ELEV.						
3-2137	7/1/73 TIME - 1810	MONTGOMERY,ALA	BENSEN B8M N3704 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 36. 45 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION SNOWDEN,ALA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT: NORMAL CRUISE HARD LANDING LANDING: POWER-OFF AUTOROTATIVE LANDING  PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM: PUMPS MISCELLANEOUS ACTS,CONDITIONS - MATERIAL FAILURE MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PLT STATED FUEL PUMP MALFUNCTIONED. PLT HAS NO OFFICIAL RECORD OF CERTIFICATION.						

LISTING OF ACCIDENTS  
AMATURE/HOME BUILT AIRCRAFT  
U.S. GENERAL AVIATION  
1973  
(IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 1401	N2201	052073	PLYMOUTH,MICH	BENSEN	B-8M	MINOR
3 1418	N143L	052873	BLOOMER,WIS	CASSUTT	111M	FATAL
3 1430	N2207	041773	GREENVILLE,KY	FLY BARY	1-A	SERIOUS
3 1443	N1593	063073	NEW CARLISLE,OHIO	STARDUSTER	SA-200	NONE
3 1495	N5134	061773	MEDFORD,NJ	FAA BIPLANE	P-2	NONE
3 1497	N429RT	042273	WETUMPKA,ALA	BREEZY	TR-1	NONE
3 1524	N11701	062673	FALCON,COLO	S-TAILWIND	W-L-8	NONE
3 1542	N707S	040873	SANTA PAULA,CALIF	BEUCKER	JUNGMN	NONE
3 1582	N6RD	070573	GREENTOWN, IND	PITTS	S1-D	NONE
3 1645	N2010T	051873	FLORENCE,SC	THURSTON	TSC-1A	NONE
3 1674	N2452	071473	ROGERSVILLE,TENN	VOLKSPLANE	WE-1	NONE
3 1716	N103ER	022173	FT LAUDERDALE,FLA	BUEHLER	103-S	SERIOUS
3 1733	N1045Z	071573	ALCHA,MICH	BENSEN	B8M	NONE
3 1738	N3200F	061473	IONIA,MICH	CHEROKEE	II	MINOR
3 1758	N267	072273	MONTOUR FALLS,NY	VOLKSPLANE	WE-1	SERIOUS
3 1816	N2546	061973	CASTROVILLE,CALIF	BENSEN	B-8M	SERIOUS
3 1830	N6275	030373	SALEM,OREG	STARDUSTER	SA-200	NONE
3 1982	N1917N	071773	WOODBINE,NJ	SOPWITH	CAMEL	NONE
3 2018	N6026	060373	PLYMOUTH,MASS	BENSEN	B8M	NONE
3 2083	N28K	072373	UTICA,MICH	KULP-PITTS	S-1C	NONE
3 2086	N1917	081273	WOODBINE,NJ	FOKKER	DR-1	NONE
3 2089	N7T	083173	MARIETTA,PA	PITTS	SPCL	NONE
3 2095	N619N	081073	S.NAPERVILLE,ILL	JUGMAN	BUCKER	NONE
3 2132	N3849	080373	OSHKOSH,WIS	STITS	SA3B	SERIOUS
3 2137	N3704	070173	MONTGOMERY,ALA	BENSEN	B8M	NONE
3 2146	N1308	062473	NPALMETTO,GA	PIEL-EMRAUD	301	FATAL

LISTING OF ACCIDENTS  
AMATEUR/HOME BUILT AIRCRAFT  
U.S. GENERAL AVIATION  
1973  
(IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 2147	N132SP	071573	ANDERSON, IND	GREAT LAKES	BABY	NONE
3 2153	N6328	080473	BRONSON, MICH	BUSHBY	MSTG 2	FATAL
3 2201	N229D	090273	BALLY, PA	PAT-BAR	SPCL	FATAL
3 2220	N6394	081273	WINDSOR, MO	BENSEN	B8	FATAL
3 2334	N31JT	082373	HOMER, NY	JEANIES	TEENIE	FATAL
3 2368	N5753	090973	HEREFORD, TEX	HARDING ACE	E	NONE
3 2373	N5460	090173	BELLEVILLE LK, MICH	BENSEN	HYDRO	NONE
3 2419	N7148	061073	CORONA, CALIF	CHARGER	MA-5	NONE
3 2483	N3192	051773	ATHENS, GA	PITTS	S1C	FATAL
3 2544	N106AB	080973	MORIARTY, N MEX	MCDONALD	S-20	NONE
3 2545	N1432	072173	BANDON, OREG	FLYBABY		MINOR
3 2550	N2513	060873	BREMERTON, WASH	COUGER	1	FATAL
3 2561	N1SK	081973	SALEM, ILL	TAYLOR	TITCH	FATAL
3 2565	N63494	070873	SPARKS, NEV	NIMBUS	III-B	FATAL
3 2575	N3CS	082573	RED BLUFF, CALIF	STARDUSTER	SA300	NONE
3 2597	N1269	070173	MONMOUTH, OREG	STORY	MK-7	SERIOUS
3 2604	N6890	091673	EAST MORICHES, NY	BENSEN	B8-M	MINOR
3 2657	N9777	091073	INDIANA, PA	JEANIES	TEENIE	SERIOUS
3 2672	N59322	090673	GOODLAND, KANS	SMITH	TRMITE	NONE
3 2676	N1006	091173	INDEPENDENCE, MO	MINIPLANE	B-1	SERIOUS
3 2691	N962	072473	TIPTONVILLE, TENN	OLDFIELD	GT. LKS	NONE
3 2711	N7618	072173	NVICTORVILLE, CALIF	JEANIES	TEENIE	FATAL
3 2770	N1348	060373	CENTRAL PT, OREG	JEANIE	TEENIE	SERIOUS
3 2844	N8669E	061373	PRESCOTT, WIS	MOONRAKER	100	FATAL
3 2898	N1298V	091473	BROOKFIELD, CHIC	CORBEN	ACE	SERIOUS
3 2918	N17MP	092273	WASHBURN, IOWA	PITTS	S-1C	NONE

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0410	2/15/73 TIME - 1422	SALINAS, CALIF	HENSEN B-8M N2546 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 24, 33 TOTAL HOURS, 14 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - SALINAS				
		DEPARTURE POINT				LAST ENROUTE STOP
		SALINAS, CALIF				LOCAL
		TYPE OF ACCIDENT				PHASE OF OPERATION
		PROPELLER/ROTOR FAILURE: MAIN ROTOR				TAXI: TO TAKEOFF
PROBABLE CAUSE(S)						
PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: OTHER						
MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED						
REMARKS- OWNER INSTL BKG BLOCK BACKWARDS ON GIMBLE HEAD.						
3-0411	2/18/73 TIME - 1345	ADELANTO, CALIF	HENSEN B-8M N1571 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 35, 34 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - EL MIRAGE				
		DEPARTURE POINT				
		ADELANTO, CALIF				INTENDED DESTINATION
		TYPE OF ACCIDENT				LOCAL
		HARD LANDING				PHASE OF OPERATION
		ROLL OVER				LANDING: LEVEL OFF/TOUCHDOWN
						LANDING: LEVEL OFF/TOUCHDOWN
PROBABLE CAUSE(S)						
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL						
PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE						
PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M.						
WEATHER - UNFAVORABLE WIND CONDITIONS						
WEATHER BRIEFING - NO BRIEFING RECEIVED						
WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION				CEILING AT ACCIDENT SITE
		CLEAR				UNLIMITED
		VISIBILITY AT ACCIDENT SITE				PRECIPITATION AT ACCIDENT SITE
		5 CM OVER				NONE
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE				WIND DIRECTION-DEGREES
		NONE				45
		WIND VELOCITY-KNOTS				TYPE OF WEATHER CONDITIONS
		15				VFR
		TYPE OF FLIGHT PLAN				
		NONE				
REMARKS- MCCULLUGH ENG. NO FLT INSTR ENDORCEMENT FOR SOLO FLT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0357	2/24/73 TIME - 1015	HIGHLAND,CALIF	SCORPION UXCH-1 N3095 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 50, 1422 TOTAL HOURS, 16 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - NORTON AFB DEPARTURE POINT INTENDED DESTINATION HIGHLAND,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER: UNCONTROLLED IN FLIGHT: OTHER  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- DESCENDED OUT OF CTL DURG L TURN.						
3-1542	4/8/73 TIME - 1500	SANTA PAULA,CALIF	HEUCKER JUNGMN N707S DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS AIR SHOW/RACING	AIRLINE TRANSPORT, AGE 44, 15000 TOTAL HOURS, 250 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SANTA PAULA DEPARTURE POINT INTENDED DESTINATION SANTA PAULA,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION GEAR COLLAPSED LANDING: ROLL  PROBABLE CAUSE(S) AIRFRAME - LANDING GEAR: MAIN GEAR-SHOCK ABSORBING ASSY,STRUTS,ATTACHMENTS,ETC. MISCELLANEOUS ACTS,CONCITIONS - PREVIOUS DAMAGE FACTOR(S) MISCELLANEOUS ACTS,CONCITIONS - OVERLOAD FAILURE REMARKS- L GR BRACE FAILED DUE PREVIOUS HARD LDG.TIME UNDETERMINED.						
3-1044	4/12/73 TIME - 1525	CHINO,CALIF	MINI HAWK 01 N6170 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 52, 124 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - CHINO DEPARTURE POINT INTENDED DESTINATION CHINO,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION STALL TAKEOFF: INITIAL CLIMB  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- BOUNCED HARD AFTER LIFT OFF,THEN CLIMBED AT STEEP ANGLE. 1ST FLT IN TYPE.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0766	4/23/73 TIME - 1510	COALINGA, CALIF	BENSEN BHM N310 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 35, 45 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - COALINGA				
		DEPARTURE POINT	INTENDED DESTINATION			
		COALINGA, CALIF	LOCAL			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLISION WITH GROUND/WATER: UNCONTROLLED			IN FLIGHT: OTHER	
PROBABLE CAUSE(S)						
PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL						
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
FACTOR(S)						
WEATHER - UNFAVORABLE WIND CONDITIONS						
WEATHER BRIEFING - NO BRIEFING RECEIVED						
WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION			CEILING AT ACCIDENT SITE	
		CLEAR			UNLIMITED	
		VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE	
		5 OR OVER			NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TEMPERATURE-F	
		NONE			65	
		WIND DIRECTION-DEGREES			WIND VELOCITY-KNOTS	
		10			10	
		TYPE OF WEATHER CONDITIONS			TYPE OF FLIGHT PLAN	
		VFR			NONE	
REMARKS- PLANNED TO RUN TAXI TEST. ACFT BECAME AIRBORNE AND CRASHED DURG LOW ALT DOWNWIND TURN.						



# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1126	5/16/73 TIME - 1635	CHINO, CALIF	N7148 N1SR DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 51, 12000 TOTAL HOURS, 6 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CHINO DEPARTURE POINT CHINO, CALIF TYPE OF ACCIDENT UNDERSHOOT COLLIDED WITH: TREES  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT WEATHER - DOWNDRAFT, UPDRAFTS TERRAIN - HIGH OBSTRUCTIONS WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT  SKY CONDITION CLEAR VISIBILITY AT ACCIDENT SITE 5 CR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND VELOCITY-KNOTS 16 TYPE OF FLIGHT PLAN NONE REMARKS- HIT 35 FT TREES ABOUT 110 YDS SHORT OF RWY. GUSTING TO 20K.						
PHASE OF OPERATION LANDING: FINAL APPROACH LANDING: FINAL APPROACH						
CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 260 TYPE OF WEATHER CONDITIONS VFR						
3-2419	6/10/73 TIME - 1554	CORONA, CALIF	CHARGER MA-5 N7148 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 735 TOTAL HOURS, 340 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - CORONA MUNICIPAL DEPARTURE POINT CORONA, CALIF TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NOSE OVER/DOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.						
REMARKS- LNDG LAST 150 FT OF RWY, NOSED OVER ON SOFT OVERRUN.						
PHASE OF OPERATION TAKEOFF: INITIAL CLIMB LANDING: ROLL						

# BRIFES OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1816	6/19/73	CASTROVILLE,CALIF	BENSEN B-8M N2546 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 24, 30 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	TIME - 1345					
		NAME OF AIRPORT - ATWOOD STRIP				
		DEPARTURE POINT	INTENDED DESTINATION			
		CASTROVILLE,CALIF	LOCAL			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLISION WITH GROUND/WATER: UNCONTROLLED			IN FLIGHT: UNCONTROLLED DESCENT	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS				
		PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED				
		FACTOR(S)				
		MISCELLANEOUS ACTS/CONDITIONS - AIRCRAFT CAME TO REST IN WATER				
3-2711	7/21/73	NP.VICTORVILLE,CALIF	JEANIES TEENIE N7618 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 23, 253 TOTAL HOURS, 0 IN TYPE, INSTRUMENT PATED.
	TIME - 0820					
		NAME OF AIRPORT - EL MIRAGE DRY LKE				
		DEPARTURE POINT	INTENDED DESTINATION			
		VICTORVILLE,CALIF	LOCAL			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		COLLISION WITH GROUND/WATER: UNCONTROLLED			LANDING: TRAFFIC PATTERN-CIRCLING	
		PROBABLE CAUSE(S)				
		PLT - LOSS OF CTL AT ALT TOO LOW TO EFFECT RCVR.				
		REMARKS- CRASH SITE EL MIRAGE DRY LAKE.				
3-2575	8/25/73	RED BLUFF,CALIF	STARDUSTER SA300 N3CS DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 48, 4743 TOTAL HOURS, 71 IN TYPE, INSTRUMENT KATED.
	TIME - 0900					
		NAME OF AIRPORT - RED BLUFF				
		DEPARTURE POINT	INTENDED DESTINATION			
		MONTAGUE,CALIF	RED BLUFF,CALIF			
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		GROUND-WATER LOOP-SWERVE			LANDING: ROLL	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL				
		FACTOR(S)				
		AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER				
		REMARKS- HOLE IN Rwy. TAIL WHEEL VIBRATED VIOLENTLY. L WG TIP, REAR SPAN AND L MN GR DMGD.				

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2951	9/8/73	SALINAS,CALIF	BENSEN B8M N3196 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGF 50, 254 TOTAL HOURS, 197 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - PRIVATE RANCH DEPARTURE POINT INTENDED DESTINATION SALINAS,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH: DIRT BANK LANDING: ROLL ROLL OVER LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: HIDDEN HAZARD REMARKS- PILE OF DIRT 2FT HIGH AND 3FT LONG OBSCURED BY GRASS.						
3-3010	9/22/73	PALO ALTO,CALIF	DELMAR OTT OMS N17PS DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 51, 78P TOTAL HOURS, 311 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - PALO ALTO DEPARTURE POINT INTENDED DESTINATION PALO ALTO,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION LANDING: TRAFFIC PATTERN-CIRCLING NOSE OVER/DOWN LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL STARVATION TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE REMARKS- PLT CHANGED TANKS,WG TO FUSE,AT TIME ENG STOPPED						
3-2988	9/23/73	FREMONT,CALIF	W.MARKA DRIFTR N72WM DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 130 TOTAL HOURS, 34 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SKY SAILING DEPARTURE POINT INTENDED DESTINATION FREMONT,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER: UNCONTROLLED IN FLIGHT: UNCONTROLLED DESCENT  PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED REMARKS- LOSS OF CTL FOR UNDET REASON.OBS DESCRIBED ERRATIC FLT.PARACHUTE CAUGHT ON TAIL OF ACFT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N			FLIGHT PURPOSE	PILOT DATA	
3-3043	10/10/73 TIME - 1340	TRACY,CALIF	AIRSCOUT L001 N2992 DAMAGE-DESTROYED	CR-	1	0	0	MISCELLANEOUS EXPERIMENTATION	PRIVATE, AGE 44, 60 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - TRACY MUNICIPAL							
		DEPARTURE POINT TRACY,CALIF	INTENDED DESTINATION LOCAL						
		TYPE OF ACCIDENT MISCELLANEOUS		PHASE OF OPERATION IN FLIGHT: OTHER					
PROBABLE CAUSE(S)									
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT									
PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS									
ROTORCRAFT - FLIGHT CONTROL SYSTEMS: CYCLIC PITCH CONTROL SYSTEM									
FACTOR(S)									
ROTORCRAFT - ROTOR ASSEMBLIES: MAIN ROTOR BLADES									
ROTORCRAFT - MISCELLANEOUS UNITS AND ASSEMBLIES: TAIL BOOMS/PYLONS/CONES									
REMARKS- PLT TIME ESTD.Vw ENGINE.ROTOR BLADES HIT RUDDER ASSY DURING PORPOISING MANEUVER.									
3-4153	10/15/73 TIME - 1515	RIVERSIDE,CALIF	STARDUSTER ACRO-1 N181J DAMAGE-SUBSTANTIAL	CR-	0	0	1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 39, 3945 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - FLABOB							
		DEPARTURE POINT RIVERSIDE,CALIF	INTENDED DESTINATION LOCAL						
		TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH: DIRT BANK		PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: ROLL					
PROBABLE CAUSE(S)									
PERSONNEL - PRODUCTION-DESIGN-PERSONNEL: POOR/INADEQUATE DESIGN									
AIRFRAME - LANDING GEAR: BRAKING SYSTEM (NORMAL SYSTEM)									
SYSTEMS - HYDRAULIC SYSTEM: OTHER									
MISCELLANEOUS ACTS,CONDITIONS - STUCK									
REMARKS- MASTER BRAKE CYL LEFT WHEEL STUCK IN BRAKE-ON POSITION.									
3-3146	10/25/73 TIME - 1015	EXETER,CALIF	SCORPION 1 N17123 DAMAGE-SUBSTANTIAL	CR-	0	0	1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 63, 24 TOTAL HOURS, 18 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT EXETER,CALIF	INTENDED DESTINATION LOCAL						
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: TREES		PHASE OF OPERATION LANDING: FINAL APPROACH LANDING: FINAL APPROACH					
PROBABLE CAUSE(S)									
POWERPLANT - ENGINE STRUCTURE: OTHER									
MISCELLANEOUS ACTS,CONDITIONS - IMPROPERLY SECURED									
MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS									
TERRAIN - HIGH OBSTRUCTIONS									
PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE									
EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
REMARKS- ENG OIL BATH COVER DOOR OPENED IN FLT.COVERED M/R BLADE V BELTS & CAUSED SLIPPAGE.NO SAFETY METHOD									

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3675	11/4/73	NR. ADELANTO, CALIF	JOHANNSEN RENSEN N4386 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 37, 1 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT EL MIRAGE DRY LAKE	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT: LOW PASS IN FLIGHT: UNCONTROLLED DESCENT		
		TYPE OF ACCIDENT MISCELLANEOUS COLLISION WITH GROUND/WATER: UNCONTROLLED				
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL						
FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT						
REMARKS- ROTOR BLADES DEFLECTED INTO VERT TAIL & PUSHER PROP DURING SEVERE PORPOISE MANEUVER OF GYROCOPTER						
3-3826	11/25/73	CHINO, CALIF	SCHMIDT II N17RS DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 60, 2725 TOTAL HOURS, 125 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - CHINO DEPARTURE POINT CHINO, CALIF	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT: HOVERING IN FLIGHT: UNCONTROLLED DESCENT		
		TYPE OF ACCIDENT PROPELLER/ROTOR FAILURE: MAIN ROTOR COLLISION WITH GROUND/WATER: UNCONTROLLED				
PROBABLE CAUSE(S) ROTORCRAFT - ROTOR ASSEMBLIES: MAIN ROTOR HEAD ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE PERSONNEL - PRODUCTION-DESIGN-PERSONNEL: POOR/INADEQUATE DESIGN EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIPORT.						
REMARKS- MAIN ROTOR ATTACH BOLTS FAILED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1524	6/26/73	FALCON, COLO	S-TAILWIND W-L-R N11701 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 55, 96F TOTAL HOURS, 62 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT FALCON, COLO			INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE LANDING: LEVEL OFF/TOUCHDOWN		
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: DITCHES						
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE						
FACTOR(S) TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ATMTD LUG ON ROAD, LNDD SHORT.						
3-3182	7/23/73	MACK, COLO	MINIPLANE DSAI N15JP DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 49, 61R TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MACK MESA DEPARTURE POINT MACK, COLO			INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE LANDING: OTHER		
TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL						
PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL: OTHER MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION 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- FUEL SYS DID NOT HAVE A VENT LINE, TRIED TO LND ON ROAD.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-314R	10/7/73	AURORA, COLO	STOLP STARLT N125PC DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 58, 800 TOTAL HOURS, 55 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - EAST CCLFAX DEPARTURE POINT INTENDED DESTINATION LAMAR, COLO AURORA, COLO TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWEPVE LANDING: ROLL NCSF OVER/DOWN LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND WEATHER - UNFAVORABLE WIND CONDITIONS FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED  SKY CONDITION CEILING AT ACCIDENT SITE CLEAR UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 CP OVER NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE RELATIVE BEARING OF WIND NONE LEFT CROSS WIND 248-292 DEGREES WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 220 20 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE REMARKS- VEERED R OFF RWY INTO DIRT RIDGE. GUSTING TO 30K. LND RWY 33.26 LISTED AVAIL.						
3-0801	4/17/73	MERIDEN, CONN	SCORPION II NR851 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 245 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MERIDEN-MARKHAM DEPARTURE POINT INTENDED DESTINATION MERIDEN, CONN LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER: UNCONTROLLED TAKEOFF: INITIAL CLIMB  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS REMARKS- ORG T/O FROM HOVER, PLT LET NOSE DROP, ATMD RCVR WITH PWR AND INCREASED PITCH. ALT TOO LOW. WHEEL EOP						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0224	1/7/73	HOMESTEAD, FLA	PITTS S-1 N10JK DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 600 TOTAL HOURS, 33 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BARNES DEPARTURE POINT HOMESTEAD, FLA TYPE OF ACCIDENT OVERSHOOT COLLIDED WITH: TREES  INTENDED DESTINATION LOCAL  PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND REMARKS- LND MORE THAN HALFWAY DOWN RWY.						
3-1716	2/21/73	FT LAUDERDALE, FLA	BUEHLER 103-S N103EP DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 1	MISCELLANEOUS TEST	PRIVATE, AGE 74, 3210 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - FT LAUDERDALE DEPARTURE POINT FT LAUDERDALE, FLA TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: UNCONTROLLED  INTENDED DESTINATION LOCAL  PHASE OF OPERATION TAKEOFF: INITIAL CLIMB  PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL: POOR/INADEQUATE DESIGN FLT CONTROLS - AERODYNAMIC LOSS OF ELEVATOR CONTROL REMARKS- NOSE OF ACFT LIFTED VERY FAST R WING HIT RWY.						
3-3314	10/26/73	NR. LANTANA, FLA	THOMPSON CRAFT N661 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 255 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - PALM BEACH PARK DEPARTURE POINT LANTANA, FLA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL  INTENDED DESTINATION LOCAL  PHASE OF OPERATION TAKEOFF: INITIAL CLIMB LANDING: TRAFFIC PATTERN-CIRCLING  PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS: POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PLT NOT AIRPLANE RATED. PLT MADE A 90 DEG BANKING L TURN BFR DSCNDG.						



# RIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3507	11/25/73 TIME - 1100	ORMOND BEACH, FLA	JODEL F-12 N9DH DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 50, 400 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT DELAND, FLA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT STALL	PHASE OF OPERATION IN FLIGHT: OTHER			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS REMARKS- ACFT OBSVD PERFORMING A TIGHT RANKING MANEUVER WHILE LOSING ALT RAPIDLY.						
3-4170	12/23/73 TIME - 1607	LEESBURG, FLA	PITTS SIC N7J DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 49, 2000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - LEESBURG MUNI DEPARTURE POINT LEESBURG, FLA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED	PHASE OF OPERATION IN FLIGHT: ACROBATICS			
PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED ALTITUDE AND CLEARANCE PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING FIRE AFTER IMPACT REMARKS- ACFT ROLLED TO INVERTED PSN ABT 250FT AGL, ALT LOST, ROLL RVRSD HIT GND BFR REACHING WING LVL FLT.						
3-2483	5/17/73 TIME - 0606	ATHENS, GA	PITTS SIC N7192 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PRACTICE	COMMERCIAL, AGE 24, 774 TOTAL HOURS, 14 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - ATHENS MUNICIPAL DEPARTURE POINT ATHENS, GA	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT STALL: SPIN	PHASE OF OPERATION IN FLIGHT: ACROBATICS			
PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED REMARKS- 10-15MIN CONT AEROBATICS, ORG VERT SNAP ROLL ENTRD SPIN, 2 TURNS 1 DIR REVERSED SPUN IN OTR DIR.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2146	6/24/73	NR. PALMETTO, GA TIME - 1700	PIEL-EMRAUD 301 N1308 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 39, 7500 TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - KORDOWSKI DEPARTURE POINT INTENDED DESTINATION FAIRBURN, GA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE: IN FLIGHT IN FLIGHT: LOW PASS  PROBABLE CAUSE(S) PILOT IN COMMAND - EXCEEDED DESIGNED STRESS LIMITS OF AIRCRAFT MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT REMARKS- IN FLIGHT WING SEPARATION. PULL UP FROM LOW PASS.						
3-3555	10/25/73	ROCKY FACE, GA TIME - 1730	ROBERTS BANDIT N71DR DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 23, 292 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HENDERSON DEPARTURE POINT INTENDED DESTINATION RCME, GA ROCKY FACE, GA TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE: ON GROUND LANDING: ROLL  PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL: OTHER AIRFRAME - FUSELAGE: BULKHEADS MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE REMARKS- BULKHEAD SUPPORTING REAR SPAR FAILED AT GLUE JOINT WING TWISTED DRAGGED ON RUNWAY.						
3-1379	4/8/73	NAPEKVILLE, ILL TIME - 1800	VOLKSPANE 473 N6552 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 2770 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION NAPEKVILLE, ILL ADDISON, ILL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF: INITIAL CLIMB GEAR COLLAPSED LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT POWERPLANT - IGNITION SYSTEM: MAGNETOS PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: IMPROPER MAINTENANCE (OWNER PERSONNEL) PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN FACTOR(S) TERRAIN - ROUGH/UNEVEN MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT SUSPECTED MECHANICAL DISCREPANCY REMARKS- MAGNETIC IMPROPERLY TIMED, PREV LDG FARM FLD DUE MAG MALFUNCTION, UN GAIN OVR 200FT ALT LNDD ADJ FLD.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4146	6/10/73 TIME - 1245	MACOMB, ILL	STITS SA-3A N74872 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 194 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MACOMB MUNI DEPARTURE POINT INTENDED DESTINATION MACOMB, ILL LOCAL TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE: IN FLIGHT IN FLIGHT: NORMAL CRUISE  PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION AIRFRAME - FLIGHT CONTROL SURFACES: HORIZONTAL STABILIZER, ATTACHMENTS MISCELLANEOUS ACTS, CONDITIONS - FATIGUE FRACTURE REMARKS- R HORIZONTAL STABILIZER LEAD EDGE MOUNT TUBE BKN AT ATTACH HOLE. STITS DWG 2/17/68 CVRS. NOT C/W.						
3-2095	8/10/73 TIME - 1630	S. NAPERVILLE, ILL	JUGMAN BUCKER N619N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 44, 629 TOTAL HOURS, 45 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - LAMBERT RLA DEPARTURE POINT INTENDED DESTINATION S. NAPERVILLE, ILL DUBUQUE, IOWA TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF: INITIAL CLIMB HARD LANDING LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS: POWERPLANT FAILURE FOR UNDETERMINED REASONS TERRAIN - HIGH VEGETATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ENG CUT OUT ABT 10FT AGL, WHEN ENG REGAINED PWR PLT ELECTED TO CONT CLBG, DRG TURN ENG STOPPED.						
3-2561	8/19/73 TIME - 1550	SALEM, ILL	TAYLOR TITCH NISK DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 45, 1550 TOTAL HOURS, 150 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SALEM-LECKRONE DEPARTURE POINT INTENDED DESTINATION CENTRALIA, ILL SALEM, ILL TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE: IN FLIGHT LANDING: TRAFFIC PATTERN-CIRCLING  PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL: OTHER SYSTEMS - FLIGHT CONTROL SYSTEMS: OTHER MISCELLANEOUS ACTS, CONDITIONS - POOR WELD MISCELLANEOUS ACTS, CONDITIONS - MATERIAL FAILURE REMARKS- VOLKSWAGEN 1600CC. CONTROL STICK, CRACKS FOUND TO HAVE OCCRD BFR FINAL FAILURE. OVRHEATED DRG BRAZING						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1386	5/5/73 TIME - 1500	SEYMOUR, IND	EFF GRAHAM MIDGET N2793 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 48, 244 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - FREEMAN DEPARTURE POINT SEYMOUR, IND TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED  NAME OF AIRPORT - FREEMAN DEPARTURE POINT SEYMOUR, IND TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- FLARED OUT TOO FI, LNDD HARD L GR COLLAPSED.						
3-1582	7/5/73 TIME - 1530	GREENTOWN, IND	PITTS S1-D NERD DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE 43, 793 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HOWARD COUNTY DEPARTURE POINT GREENTOWN, IND TYPE OF ACCIDENT COLLIDED WITH: OBJECT  NAME OF AIRPORT - HOWARD COUNTY DEPARTURE POINT GREENTOWN, IND TYPE OF ACCIDENT COLLIDED WITH: OBJECT  PROBABLE CAUSE(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: HIGH VEGETATION REMARKS- TALL GRASS ADJACENT TO RUNWAY. PLT CONCERNED WITH SPECTATORS ALONG NORTH EDGE OF RWY.						
3-2147	7/15/73 TIME - 1620	ANDERSON, IND	GREAT LAKES BABY N132SP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 58, 3439 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ACE AIRPARK DEPARTURE POINT ANDERSON, IND TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE NCSE OVER/DOWN  NAME OF AIRPORT - ACE AIRPARK DEPARTURE POINT ANDERSON, IND TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE NCSE OVER/DOWN  PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE TERRAIN - HIGH VEGETATION REMARKS- PLT SWERVED TO AVOID COLLISION WITH WACO N12453. L GR HIT HIGH GRASS.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2575	7/30/73 TIME - 1600	MERRIVILLE, IND	JEANIES TWO N4X DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 59, 3200 TOTAL HOURS, 2R IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT GRIFFITH, IND	INTENDED DESTINATION LAKE GENEVA, WIS			
		TYPE OF ACCIDENT COLLIDED WITH: OBJECT	PHASE OF OPERATION TAXI: OTHER			
<p>PROBABLE CAUSE(S)</p> <p>PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING</p> <p>PILOT IN COMMAND - BECAME LOST/DISORIENTED</p> <p>PILOT IN COMMAND - FAILED TO SEE AND AVOID OBJECTS OR OBSTRUCTIONS</p> <p>EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT LOW ON FUEL</p> <p>REMARKS- HIT ROADSIDE SIGN AFTER PRECAUTIONARY LANDING ON HIWAY.</p>						
3-2573	9/23/73 TIME - 1225	MONTICELLO, IND	TEENIE TWO N99151 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 50, 88 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MONTICELLO, IND	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL: MUSH	PHASE OF OPERATION IN FLIGHT: OTHER LANDING: OTHER			
<p>PROBABLE CAUSE(S)</p> <p>MISCELLANEOUS ACTS/CONDITIONS - FUEL STARVATION</p> <p>MISCELLANEOUS - FOREIGN MATERIAL AFFECTING NORMAL OPERATIONS</p> <p>PERSONNEL - PRODUCTION-DESIGN-PERSONNEL: OTHER</p> <p>PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED</p> <p>FACTORS(S)</p> <p>PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT</p> <p>COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE</p> <p>EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND SUSPECTED MECHANICAL DISCREPANCY</p> <p>REMARKS- 1600CC VOLKSWAGON ENG. FUEL TANK CONTAINED 1 1/2 OZ SOLDER FLAKES DRG CONST .</p>						
3-2518	9/22/73 TIME - 1330	WASHEURN, IOWA	PITTS S-1C N17MP DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 61, 4435 TOTAL HOURS, 8 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - FLYERS FIELD				
		DEPARTURE POINT WATERLOO, IOWA	INTENDED DESTINATION WASHEURN, IOWA			
		TYPE OF ACCIDENT NOSE OVER/DOWN	PHASE OF OPERATION LANDING: ROLL			
<p>PROBABLE CAUSE(S)</p> <p>PILOT IN COMMAND - IMPROPER OPERATION OF BRAKES AND/OR FLIGHT CONTROLS</p> <p>REMARKS- PLT WEARING THICK-SOLED SAFETY SHOES.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2672	9/6/73	GOODLAND,KANS	SMITH TRMITE	CR- 0 0 1	NONCOMMERCIAL	PRIVATE, AGE 55, 690
	TIME - 1130		N59322	PX- 0 0 0	PLEASURE/PERSONAL TRANSP	TOTAL HOURS, 263 IN TYPE,
			DAMAGE-SUBSTANTIAL			NOT INSTRUMENT RATED.
		NAME OF AIRPORT - RENNER FIELD				
		DEPARTURE POINT	INTENDED DESTINATION		LAST ENROUTE STOP	
		WICHITA,KANS	ANDERSON,CALIF		GOODLAND,KANS	
		TYPE OF ACCIDENT			PHASE OF OPERATION	
		GROUND-WATER LOOP-SWERVE			LANDING: ROLL	
		GEAR COLLAPSED			LANDING: ROLL	
		PROBABLE CAUSE(S)				
		PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL				
		PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS				
		FACTOR(S)				
		WEATHER - UNFAVORABLE WIND CONDITIONS				
		WEATHER BRIEFING - BRIEFED BY FLIGHT SERVICE PERSONNEL, BY PHONE				
		SKY CONDITION			CEILING AT ACCIDENT SITE	
		CLEAR			UNLIMITED	
		VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE	
		5 CR OVER			NONE	
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE			RELATIVE BEARING OF WIND	
		NONE			LEFT CROSS WIND 248-292 DEGREES	
		TEMPERATURE-F			WIND DIRECTION-DEGREES	
		49			30	
		WIND VELOCITY-KNOTS			TYPE OF WEATHER CONDITIONS	
		8			VFR	
		TYPE OF FLIGHT PLAN				
		NONE				
		REMARKS- LNDD L CROSSWIND ACFT SWERVED L.				

HPTEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1430	4/17/73 TIME - 1645	GREENVILLE,KY	FLY BARY 1-A N2207 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 56, 2587 TOTAL HOURS, 25 IN TYPE, INSTRUMENT RATED.
		NAME OF AIRPORT - MUHLENBERG COUNTY				
		DEPARTURE POINT GREENVILLE,KY	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT STALL	PHASE OF OPERATION TAKEOFF: INITIAL CLIMB			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
FACTOR(S) WEATHER - DOWNDRAFT,UPDRAFTS						
WEATHER BRIEFING - NO BRIEFING RECEIVED						
WEATHER FORECAST - UNKNOWN/NOT REPORTED						
		SKY CONDITION SCATTERED	CEILING AT ACCIDENT SITE UNLIMITED			
		VISIBILITY AT ACCIDENT SITE 5 OR OVER	PRECIPITATION AT ACCIDENT SITE NONE			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	RELATIVE BEARING OF WIND HEAD WIND 338-022 DEGREES			
		WIND DIRECTION-DEGREES 225	WIND VELOCITY-KNOTS 10			
		TYPE OF WEATHER CONDITIONS VFR	TYPE OF FLIGHT PLAN NONE			
3-3286	10/28/73 TIME - 1430	SOUTH PARIS,ME	BOWERS BABY NONE DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 43, UNK/NP TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - COL DYKE FIELD				
		DEPARTURE POINT RETHEL,ME	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT STALL	PHASE OF OPERATION IN FLIGHT: HUIZZING			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT						
FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - STOLEN OR UNAUTHORIZED USE OF AIRCRAFT						
REMARKS- COMPLETED LOW PASS PULLED ACFT STRAIGHT UP MADE TURN TO R.ACFT NOT REGISTERED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3835	11/23/73 TIME - 1510	UNIONTOWN, MD	VOLKSPLANE VP-1 N47244 DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 30, 1672 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT WESTMINSTER, MD	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL	PHASE OF OPERATION IN FLIGHT: OTHER IN FLIGHT: OTHER			
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED POWERPLANT - ENGINE CONTROLS-COCKPIT: THROTTLE-POWER LEVER ASSEMBLIES MISCELLANEOUS ACTS, CONDITIONS - IMPROPERLY INSTALLED MISCELLANEOUS ACTS, CONDITIONS - DISCONNECTED PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE REMARKS- THROTTLE DISCONNECTED AT CARB WHICH WAS SPRING LOADED TO IDLE. CARB ARM FASTENED WITH NON LOCK NUT.						
3-0320	1/16/73 TIME - 1500	WESTFIELD, MASS	SPORT-AIRE IISS - N10041 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 58, 369 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - BARNES MUN DEPARTURE POINT WESTFIELD, MASS	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT STALL: MUSH	PHASE OF OPERATION TAKEOFF: INITIAL CLIMB			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTORS(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- FIRST FLIGHT OF HOME BUILT AIRCRAFT.						
3-1317	4/25/73 TIME - 1700	NORTH ADAMS, MASS	COOK TERN N4705 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 42, 1565 TOTAL HOURS, 23 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - HARRIMAN DEPARTURE POINT NORTH ADAMS, MASS	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLIDED WITH: DIRT BANK	PHASE OF OPERATION LANDING: ROLL			
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: IMPROPER MAINTENANCE (OWNER PERSONNEL) TERRAIN - ROUGH/UNEVEN REMARKS- DROGUE CHUTE RELEASED PREMATURELY. RELEASE HANDLECABLE HOUSING HELD IN PLACE BY TAPE. WHEEL EQPD.						



# RIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2018	6/3/73 TIME - 0630	PLYMOUTH, MASS	BENSEN B8M N6026 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 24, 60 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - PLYMOUTH DEPARTURE POINT INTENDED DESTINATION PLYMOUTH, MASS LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF: INITIAL CLIMB COLLISION WITH GROUND/WATER: CONTROLLED LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) POWERPLANT - IGNITION SYSTEM: MAGNETOS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. REMARKS- INSPECTION OF THE MAGNETO DISCLOSED AN INTERNAL OPEN CIRCUIT.						
3-1401	5/20/73 TIME - 1745	PLYMOUTH, MICH	BENSEN B-8M N2201 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 30, 181 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - METTETAL DEPARTURE POINT INTENDED DESTINATION PLYMOUTH, MICH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT: CLIMB TO CRUISE HARD LANDING LANDING: ROLL-ON/RUN-ON  PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS: POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - MISJUDGED SPEED AND ALTITUDE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT DIRECTIONAL CONTROL PROBLEM REMARKS- TWO REAR ENG MOUNT SUPPORTS BKN IN WELD JOINTS, POOR FUSION OR LACK FUSION, UN DTRMN IF BREAK INFLT.						
3-1738	6/14/73 TIME - 1100	IONIA, MICH	CHEROKEE II N3200F DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 60, 1523 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - IONIA COUNTY DEPARTURE POINT INTENDED DESTINATION IONIA, MICH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF REMARKS- AMATEUR HOME BUILT GLIDFR. STANDARD SINGLE WHEEL LDG GEAR.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4141	7/1/73 TIME - 0830	IONIA, MICH	WIKOFF PHOTON N557B DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 28, 147 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - IONIA COUNTY DEPARTURE POINT INTENDED DESTINATION IONIA, MICH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION STALL: SPIN LANDING: FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- AC POWERED BY VW REVMASER 2100D ENG. INITIAL FLT.						
3-1733	7/15/73 TIME - 1545	ALOHA, MICH	BENSEN B8M N1045Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 32, 63 TOTAL HOURS, 29 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION CHEROYGAN, MICH INDIAN RIVER, MICH. TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT: NORMAL CRUISE DITCHING LANDING: POWER-OFF AUTOROTATIVE LANDING  PROBABLE CAUSE(S) POWERPLANT - IGNITION SYSTEM: MAGNETOS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON WATER REMARKS- RETURN SPRING PORTION OF IGNITION POINT ASSEMBLY BKN.						
3-2083	7/23/73 TIME - 1455	UTICA, MICH	KULP-PITTS S-1C N28K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 38, 4900 TOTAL HOURS, 18 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION ERASER, MICH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT: NORMAL CRUISE GEAR COLLAPSED LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION TERRAIN - HIDDEN OBSTRUCTIONS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PLT MISCALCULATED FUEL ON BOARD, AIRBORNE APPROX 15MIN FUEL EX. STRUCK RUT IN OPEN FLD.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2153	8/4/73 TIME - 1315	PRONSON, MICH	BUSHBY MSTG 2 N6328 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 201 TOTAL HOURS, 90 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT COLDWATER, MICH	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT STALL: SPIN	PHASE OF OPERATION IN FLIGHT: OTHER			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - MISJUDGED ALTITUDE						
FACTOR(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT						
FIRE AFTER IMPACT						
REMARKS- FLEW OVER PARADE ABOUT 400 FT AGL AND CLIMBD AT STEEP ANGLE. CRASHED IN RESIDENCE YARD.						
3-3063	8/31/73 TIME - 1715	HALE, MICH	BREEZY RLU-1 N4029 DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 52, 180 TOTAL HOURS, 120 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT PLYMOUTH, MICH	INTENDED DESTINATION BAY CITY, MICH	LAST ENROUTE STOP HARRISVILLE, MICH		
		TYPE OF ACCIDENT GEAR COLLAPSED	PHASE OF OPERATION LANDING: ROLL			
PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - SELECTED UNSUITABLE TERRAIN PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING						
FACTOR(S) TERRAIN - WET, SOFT GROUND WEATHER - THUNDERSTORM ACTIVITY MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING OFF AIRPORT ADVERSE/UNFAVORABLE WEATHER						
		SKY CONDITION OVERCAST	CEILING AT ACCIDENT SITE 900			
		VISIBILITY AT ACCIDENT SITE 2 MILES OR LESS	PRECIPITATION AT ACCIDENT SITE RAIN			
		OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE	WIND DIRECTION-DEGREES 225			
		WIND VELOCITY-KNOTS 5	TYPE OF WEATHER CONDITIONS IFR			
		TYPE OF FLIGHT PLAN NONE				
REMARKS- ACFT SKIPPED FOR A FEW FEET AFTR INITIAL T/D THEN LNDD NOSE WHEEL FIRST. ACFT NOSED OVR.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2373	9/1/73 TIME - 1300	HELLEVILLE LK, MICH	HENSEN HYDRO N5460 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 22, 167 TOTAL HOURS, 17 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - WILLOW RUN DEPARTURE POINT INTENDED DESTINATION LAST ENROUTE STOP HELLEVILLE LK, MICH LOCAL BELLEVILLE LK, MICH TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER: UNCONTROLLED IN FLIGHT: LOW PASS  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER REMARKS- FLOAT EQPD. AT APRX 70FT AGL DSCNDD NEARLY VERTICAL INTO LAKE. ACFT ORIGINALLY GYRO GLIDER ON FLOATS						
3-3920	11/12/73 TIME - 1555	PRIOR LAKE, MINN	VOLMER VJ-22 N1007N DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PRACTICE	STUDENT, AGE 21, 102 TOTAL HOURS, 12 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - P. LAKE SEAPORT DEPARTURE POINT INTENDED DESTINATION PRIOR LAKE, MINN LOCAL TYPE OF ACCIDENT PHASE OF OPERATION STALL LANDING: TRAFFIC PATTERN-CIRCLING  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE FIRE AFTER IMPACT REMARKS- PRIOR LAKE, USED FOR WATER LANDINGS. FLEW LOW PATTERN. LOST CTL IN 90 DEG BANK, CRASHED ON LAWN.						
3-2220	8/12/73 TIME - 1810	WINDSOR, MO	HENSEN HB N6394 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 40, 55 TOTAL HOURS, 35 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION WINDSOR, MO LOCAL TYPE OF ACCIDENT PHASE OF OPERATION AIRFRAME FAILURE: IN FLIGHT IN FLIGHT: OTHER  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT REMARKS- PULLED UP SHARPLY TO AVOID TREES, THEN NOSED DWN ABRUPTLY. M/R BLADES DROOPED, PIT PROP & SEPARATED.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2676	9/11/73 TIME - 1400	INDEPENDENCE, MO	MINIPLANE B-1 N1006 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 42, 855 TOTAL HOURS, 43 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - INDEPENDENCE, MO DEPARTURE POINT - INTENDED DESTINATION INDEPENDENCE, MO LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION STALL PHASE OF OPERATION TAKEOFF: INITIAL CLIMB IN FLIGHT: OTHER PROBABLE CAUSE(S) MISCELLANEOUS ACTS, CONDITIONS - FUEL STARVATION 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- CAUSE OF FUEL STARV WAS NOT DETMND. APRX 9 GAL FUEL IN TANK SOME IN CARB, 4-5 DROPS IN FUEL LINE.						
3-1390	5/17/73 TIME - 1845	NR. GRAND ISLAND, NEBR	SCORPION SINGLE N5406 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 31, 297 TOTAL HOURS, 32 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT - GRAND ISLAND, NEBR INTENDED DESTINATION LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER: UNCONTROLLED PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE IN FLIGHT: UNCONTROLLED DESCENT PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE INSPECTION OF AIRCRAFT (OWNER-PILOT) POWERPLANT - ENGINE STRUCTURE: MOUNT AND VIBRATION ISOLATORS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND FIRE AFTER IMPACT REMARKS- UPPER ENG MOUNT WALK BEAM 7100-6 RIPPED AND TORN, BREAKS RUSTY, NO FORMAL COPTER TRAIN, SELF TAUGHT.						
3-1071	5/31/73 TIME - 1830	KIMBALL, NEBR	GERNR EVANS WE-1 N5936 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 46, 1080 TOTAL HOURS, 27 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - KIMBALL MUNICIPAL DEPARTURE POINT - INTENDED DESTINATION KIMBALL, NEBR LOCAL TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NOSE OVER/DOWN PHASE OF OPERATION LANDING: FINAL APPROACH LANDING: ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION TERRAIN - ROUGH/UNEVEN COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PLT EST FUEL APT 2GAL. INFLT APRX 25MIN, GAS GAUGE IND EMPTY, ENG QUIT ON FINAL 1/4MI SHORT OF RWY.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2565	7/8/73 TIME - 1215	SPARKS,NEV	NIMBUS III-B N63494 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 31, 350 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - AIR SAILING GLDRPT DEPARTURE POINT INTENDED DESTINATION SPARKS,NEV LOCAL TYPE OF ACCIDENT AIRFRAME FAILURE: IN FLIGHT			PHASE OF OPERATION TAKEOFF: INITIAL CLIMB			
PROBABLE CAUSE(S) MISC - TOW ROPE FAILED TO RELEASE FOR UNDRMD REASON AIRFRAME - WINGS: SPARKS MISCELLANEOUS ACTS,CONDITIONS - OVERLOAD FAILURE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SEPARATION IN FLIGHT INSTRUMENTS/EQUIPMENT AND ACCESSORIES - MISCELLANEOUS EQUIPMENT: GLIDER LAUNCH/TOW EQUIPMENT REMARKS- AUTO/GLIDER TOW SYSTEM USED.						
3-3457	6/9/73 TIME - 1056	TUCKERTON,NJ	JEANIE 2 TEENIE N6186 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 54, 81 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - EAGLES NEST DEPARTURE POINT INTENDED DESTINATION TUCKERTON,NJ LOCAL TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: UNCONTROLLED			PHASE OF OPERATION LANDING: TRAFFIC PATTERN-CIRCLING			
PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS REMARKS- LAST FLT BFR ACCT 3/11/72 LAST SOLO FLT 9/20/52. ACFT PREP HI SPEED TAXI TEST PLT TKOF-1ST FLT.						
3-1495	6/17/73 TIME - 1450	MEDFORD,NJ	E4A BIPLANE P-2 N5134 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 54, 1563 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BURLINGTON CO DEPARTURE POINT INTENDED DESTINATION MEDFORD,NJ LOCAL TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE COLLIDED WITH: OBJECT			PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: GO-AROUND			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING FACTOR(S) TERRAIN - OTHER PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- HIT GRND & TREES						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1982	7/17/73 TIME - 1330	WOODBINE,NJ	SOPWITH CAMEL N1917N DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PRACTICE	AIRLINE TRANSPORT, AGE 35, 17296 TOTAL HOURS, 3 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WOODBINE DEPARTURE POINT WOODBINE,NJ TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE INTENDED DESTINATION LOCAL PHASE OF OPERATION LANDING: ROLL PROPER CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- DAMAGE TO WINGS,PROP AND TAIL SECTION.						
3-2086	8/12/73 TIME - 1500	WOODBINE,NJ	FOKKER DR-1 N1917 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS AIR SHOW/RACING	COMMERCIAL, AGE 56, 9143 TOTAL HOURS, 3 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - WOODBINE DEPARTURE POINT WOODBINE,NJ TYPE OF ACCIDENT GROUND-WATER LOOP-SWERVE INTENDED DESTINATION LOCAL PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: ROLL PROPER CAUSE(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL REMARKS- ACFT T/D GOING SLIGHTLY SIDEWAYS TO R CAUSING R WING TIP TO HIT END.						
3-3198	10/23/73 TIME - 1340	LAKEWOOD,NJ	PIETENPOL AIRCAM N5392 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 33, 180 TOTAL HOURS, 110 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - LAKEWOOD DEPARTURE POINT ACCOMACK,VA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION INTENDED DESTINATION LAKEWOOD,NJ PHASE OF OPERATION LANDING: TRAFFIC PATTERN-CIRCLING LANDING: FINAL APPROACH PROPER CAUSE(S) PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS,CONDITIONS - FUEL EXHAUSTION PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - MISCALCULATED FUEL CONSUMPTION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- RAN OUT OF FUEL ON BASE LEG UNDERSHOT RUNWAY STRUCK TREES.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3864	12/8/73 TIME - 1345	MILLVILLE,NJ	TAYLOR MONO N71RC DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 2000 TOTAL HOURS, 205 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MILLVILLE MUN						
DEPARTURE POINT			INTENDED DESTINATION			
MILLVILLE,NJ			LOCAL			
TYPE OF ACCIDENT			PHASE OF OPERATION			
ENGINE FAILURE OR MALFUNCTION			TAKEOFF: INITIAL CLIMB			
STALL			LANDING: TRAFFIC PATTERN-CIRCLING			
PROBABLE CAUSE(S)						
PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS						
MISCELLANEOUS ACTS,CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/OR FAILED TO USE						
MISCELLANEOUS ACTS,CONDITIONS - ICE-CARBURETOR						
PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						
FACTOR(S)						
WEATHER - CONDITIONS CONDUCIVE TO CARB./INDUCTION SYSTEM ICING						
PILOT IN COMMAND - PHYSICAL IMPAIRMENT						
WEATHER BRIEFING - UNKNOWN/NOT REPORTED						
WEATHER FORECAST - UNKNOWN/NOT REPORTED						
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.						
SKY CONDITION			CEILING AT ACCIDENT SITE			
BRCN/LOWER SCATTERED			5000			
VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE			
5 OR OVER			NONE			
OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TEMPERATURE-F			
NONE			44			
WIND DIRECTION-DEGREES			WIND VELOCITY-KNOTS			
30			10			
TYPE OF WEATHER CONDITIONS			TYPE OF FLIGHT PLAN			
VFR			NONE			
REMARKS- L CLBG TURN BANK INCREASED TO ABT 90 DEG BFR PITCH DWN.ARTERIOSCLEROSIS SVR OCCLUDING L ANTERIOR D						



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 BRIEFS OF ACCIDENTS  
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FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2544	8/9/73 TIME - 1345	MORIARTY, N MEX	MCDONALD S-20 N106AB DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 30, 531 TOTAL HOURS, 30 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MORIARTY MUNI DEPARTURE POINT - INTENDED DESTINATION UNKNOWN/NOT REPORTED VALLEJO, CALIF TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: CONTROLLED PROBABLE CAUSE(S) WEATHER - DOWNDRAFT, UPDRAFTS FACTOR(S) TERRAIN - ROUGH/UNEVEN SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 CP OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND VELOCITY-KNOTS 5 TYPE OF FLIGHT PLAN NONE REMARKS- UN TC SUSTAIN FLT DUE TO DNDRAFT, RW IN AREA.						
CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 90 TYPE OF WEATHER CONDITIONS VFR						
3-1758	7/22/73 TIME - 1000	MCNTOUR FALLS, NY	VOLKSPANE WE-1 N267 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, AGE UNK/NR, 750 TOTAL HOURS, 0 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CRANES DEPARTURE POINT - INTENDED DESTINATION MCNTOUR FALLS, NY LOCAL TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: UNCONTROLLED PROBABLE CAUSE(S) PERSONNEL - PRODUCTION-DESIGN-PERSONNEL: OTHER SYSTEMS - FLIGHT CONTROL SYSTEMS: AILERON AND AILERON TAB CONTROL SYSTEM EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND LATERAL CONTROL PROBLEM REMARKS- AILERON PULLEY GUARD NOT INSTALLED ALLOWED AILERON CABLE TO RUN OFF PULLEY.						
PHASE OF OPERATION IN FLIGHT: CLIMB TO CRUISE						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2334	8/23/73 TIME - 1830	HOMER, NY	JEANIES TEENIE N31JT DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 41, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BERD DEPARTURE POINT HOMER, NY TYPE OF ACCIDENT AIRFRAME FAILURE: IN FLIGHT INTENDED DESTINATION LOCAL PHASE OF OPERATION IN FLIGHT: AEROBATICS PROBABLE CAUSE(S) SYSTEMS - FLIGHT CONTROL SYSTEMS: RUDDER AND RUDDER TAB CONTROL SYSTEM MISCELLANEOUS ACTS/CONDITIONS - DISCONNECTED PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION FACTOR(S) MISCELLANEOUS - UNQUALIFIED PERSON OPERATED AIRCRAFT REMARKS- ROD END BEARING ATTACH PUSH-PULL TORQUE TUBE TO RUDDER CTL HORN FAILED. ACFT & PLT UNCERTIFICATED.						
3-2604	9/16/73 TIME - 1600	EAST MORICHES, NY	BENSEN B8-M N6890 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	INSTRUCTIONAL TRAINING	STUDENT, AGE 43, 14 TOTAL HOURS, 3 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SPADARCS DEPARTURE POINT EAST MORICHES, NY TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: UNCONTROLLED INTENDED DESTINATION LOCAL PHASE OF OPERATION TAKEOFF: INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- PLT ELECTED TO CUT PWR. ACFT DROPPED FROM ABT 20FT AGL, T/D ON ALL 3 WHEELS.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0005	1/19/73 TIME - 1700	HENDERSONVILLE, NC	FLYBAF M-1 NR08RJ DAMAGE-MINOR	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 58, 3055 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - WINKLER DEPARTURE POINT INTENDED DESTINATION HENDERSONVILLE, NC LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF: INITIAL CLIMB GEAR COLLAPSED LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - ICE-CARBURETOR PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING WEATHER - CONDITIONS CONDUCTIVE TO CARB./INDUCTION SYSTEM ICING MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND  SKY CONDITION CEILING AT ACCIDENT SITE CLEAR UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 CR OVER NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TEMPERATURE-F NONE 55 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE						
3-0541	4/14/73 TIME - 1530	ALAMANCE, NC	WHITMAN W-R N45G DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 32, 370 TOTAL HOURS, 16 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BURLINGTON MUN DEPARTURE POINT INTENDED DESTINATION ALAMANCE, NC LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION LANDING: TRAFFIC PATTERN-CIRCLING STALL LANDING: FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE REMARKS- ACFT OBSVD TO SNAP OVR DRG TURN TO FINAL APCH. AIRBORNE APRX 1HR 20MIN.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1279	5/22/73 TIME - 1200	ARCHDALE,NC	BERG-AERO 19181A N2418 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 48, 4064 TOTAL HOURS, 1 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - MENDENHALL DEPARTURE POINT INTENDED DESTINATION ARCHDALE,NC WARRENTON,VA TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE TAKEOFF: RUN COLLIDED WITH: CROP TAKEOFF: RUN  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: HIGH VEGETATION REMARKS- NARROW RUNWAY BORDERED BY WHEAT CROPS.ACFT HIT WHEAT CAUSING L GND LOOP.R GR COLLAPSED.						
3-3784	11/3/73 TIME - 1245	THOMASVILLE,NC	SPEZIO SPORT N3695 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 38, 100 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MENDENHALL DEPARTURE POINT INTENDED DESTINATION THOMASVILLE,NC LOCAL TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING: LEVEL OFF/TOUCHDOWN STALL: MUSH LANDING: GO-AROUND  PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - DELAYED IN INITIATING GO-AROUND PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED REMARKS- ACFT STALLED APRX 2-4 FT AGL WITH FULL PWR.						
3-3865	11/6/73 TIME - 0630	SALISBURY,NC	BENSON BHM N6020 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	CERTIFICATE UNKNOWN, AGE UNK/NR, UNK/NR TOTAL HOURS, 6 IN TYPE, UNK/NR INSTRUMENT RATED.
NAME OF AIRPORT - ROWAN COUNTY DEPARTURE POINT INTENDED DESTINATION SALISBURY,NC LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER: CONTROLLED TAKEOFF: INITIAL CLIMB  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- FLT DID NOT HAVE ANY FLT TIME FOR PAST 90 DAYS.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1255	6/6/73 TIME - 0924	MINOT, N DAK	SIROCCO MJ5 N213P DAMAGE-SUBSTANTIAL	CP- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 48, 39 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MINOT DEPARTURE POINT MINOT, N DAK TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION NCSF OVER/DOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT MISCELLANEOUS ACTS.CONDITIONS - FUEL STARVATION PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR(S) TERRAIN - ROUGH/UNEVEN PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- AIRBORNE DRG HI SPEED TAXI TEST.DUE LACK OF REMAIN RWY CONT FLT.ELEC FUEL PUMP SWITCH ACDNTLY OFF.						
3-1381	5/20/73 TIME - 1630	VERSAILLES, OHIO	PITTS SPL SC-1 N11PL DAMAGE-DESTROYED	CP- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 37, 527 TOTAL HOURS, 0 IN TYPE. NOT INSTRUMENT RATED.
NAME OF AIRPORT - DRAKE COUNTY DEPARTURE POINT VERSAILLES, OHIO TYPE OF ACCIDENT HARD LANDING GEAR COLLAPSED  PROBABLE CAUSE(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER RECOVERY FROM BOUNCED LANDING FACTOR(S) MISCELLANEOUS ACTS.CONDITIONS - OVERLOAD FAILURE REMARKS- UNINTENTIONAL LIFT-OFF DURING HI-SPEED TAXI TEST.NEW AIRCRAFT,NO FLIGHT TIME.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1353	6/9/73 TIME - 1500	AMELIA, OHIO	BENSEN H-8M N14439 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 34, 24 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - HUMPHRIES DEPARTURE POINT AMELIA, OHIO TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION ROLL OVER	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING: TRAFFIC PATTERN-CIRCLING LANDING: POWER-OFF AUTOROTATIVE LANDING		
PROBABLE CAUSE(S) POWERPLANT - FUEL SYSTEM: LINES AND FITTINGS MISCELLANEOUS ACTS/CONDITIONS - MATERIAL FAILURE TERRAIN - HIGH VEGETATION COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- BROKEN FUEL LINE FITTING. GYROCOPTER BOUNCED THROUGH BRUSH AND HIGH WEED WHICH CAUSED ROLL OVER.						
3-1443	6/30/73 TIME - 1345	NEW CARLISLE, OHIO	STARDOUSTER SA-200 N1593 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 744 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - NEW CARLISLE DEPARTURE POINT NEW CARLISLE, OHIO TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: TREES	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKEOFF: INITIAL CLIMB LANDING: LEVEL OFF/TOUCHDOWN		
PROBABLE CAUSE(S) PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION POWERPLANT - FUEL SYSTEM: CARBURETOR TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- USE OF EXTRA LONG COTTER PIN RESULTING IN FLOAT HANG-UP. NR 4 GIA 12/72 CVRS. LNDD IN A NURSERY						
3-2935	7/22/73 TIME - 1630	MARLBORO, OHIO	THORP T-18 N702MS DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 56, 457 TOTAL HOURS, 76 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - SUNSET STRIP DEPARTURE POINT MARLBORO, OHIO TYPE OF ACCIDENT STALL: SPIN	INTENDED DESTINATION LOCAL	PHASE OF OPERATION TAKEOFF: INITIAL CLIMB		
PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED REMARKS- NO EVIDENCE OF CIL SYSTEM OR PWR PLANT MALFUNCTION FOUND.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-289A	9/14/73	BROOKFIELD, OHIO	CORREN ACE N129RV DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, UNK/NR TOTAL HOURS, 139 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - OBERMYER FIELD DEPARTURE POINT INTENDED DESTINATION SHARON, PA RETURN TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: DITCHES LAST ENROUTE STOP BROOKFIELD, OHIO PHASE OF OPERATION TAKEOFF: INITIAL CLIMB LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF POWERPLANT & POWERPLANT CONTROLS MISCELLANEOUS ACTS, CONDITIONS - ANTI-ICING/DEICING EQUIPMENT-IMPROPER OPERATION OF/CR FAILED TO USE MISCELLANEOUS ACTS, CONDITIONS - ICE-CARRIQUETON PILOT IN COMMAND - MISJUDGED CLEARANCE FACTOR(S) WEATHER - CONDITIONS CONDUCTIVE TO CARB./INDUCTION SYSTEM ICING MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP.T.  SKY CONDITION BROCKEN VISIBILITY AT ACCIDENT SITE 3 MILES OR LESS OBSTRUCTIONS TO VISION AT ACCIDENT SITE HAZE WIND DIRECTION-DEGREES 350 TYPE OF WEATHER CONDITIONS VFP CEILING AT ACCIDENT SITE 1200 PRECIPITATION AT ACCIDENT SITE RAIN TEMPERATURE-F 66 WIND VELOCITY-KNOTS 11 TYPE OF FLIGHT PLAN NONE REMARKS- LWRD NOSE TO AVOID PWR LINES LOG GR HIT TOP OF DITCH.						
3-3517	11/10/73	SAND SPRINGS, CKLA	CAMEPON SKYBLT N711PC DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 30, 3540 TOTAL HOURS, 120 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SAND SPRINGS MUN DEPARTURE POINT INTENDED DESTINATION SAND SPRINGS, CKLA LOCAL TYPE OF ACCIDENT STALL: SPIN PHASE OF OPERATION TAKEOFF: INITIAL CLIMB  PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS REMARKS- NEAR VERT PULLUP TO ART 250FT AGL THEN IN A 60 DEG L BANK DSCNDD SLU ROTATION.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1830	3/3/73 TIME - 1530	SALEM, OREG	STARDUSTER SA-200 N6275 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 41, 16R TOTAL HOURS, 12 IN TYPF, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MCNARY FIELD DEPARTURE POINT INTENDED DESTINATION SALEM, OREG LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT: NORMAL CRUISE COLLIDED WITH: FENCE, FENCEPOSTS LANDING: LEVEL OFF/TOUCH-DOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - MISMANAGEMENT OF FUEL MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- COLLIDED W GARAGE AND FENCE EVADING COLL WITH AUTOS AND HOUSES.						
3-2770	6/3/73 TIME - 1500	CENTRAL PT, OREG	JFANIE TEENIE N1348 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR. AGE 36, 1370 TOTAL HOURS, 5 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BEAGLE SKY RANCH DEPARTURE POINT INTENDED DESTINATION CENTRAL PT, OREG LOCAL TYPE OF ACCIDENT PHASE OF OPERATION UNDERSHOOT LANDING: FINAL APPROACH NCSF OVER/DOWN LANDING: LEVEL OFF/TOUCH-DOWN  PROBABLE CAUSE(S) MISCELLANEOUS ACTS, CONDITIONS - POORLY PLANNED APPROACH PILOT IN COMMAND - MISJUDGED DISTANCE AND ALTITUDE PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND FACTORS(S) MISCELLANEOUS ACTS, CONDITIONS - NOT ALIGNED WITH RUNWAY/INTENDED LANDING AREA MISCELLANEOUS ACTS, CONDITIONS - TOUCH AND GO LANDING PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- VW ENGINE.						



BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2557	7/1/73	NE. MONMOUTH, OREG	STORY MK-7 N1269 DAMAGE-SUBSTANTIAL	CH- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 36, UNK/NR TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
<p>NAME OF AIRPORT - FETTER DEPARTURE POINT MONMOUTH, OREG TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLISION WITH GROUND/WATER: CONTROLLED</p> <p>INTENDED DESTINATION LOCAL</p> <p>PHASE OF OPERATION IN FLIGHT: ACROBATICS IN FLIGHT: ACROBATICS</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE, SPEED, ALTITUDE OR CLEARANCE PILOT IN COMMAND - EXERCISED POOR JUDGMENT POWERPLANT - ENGINE STRUCTURE: OTHER</p> <p>FACTORS(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE REMARKS- PLT ATTD LOOP. ENG NOT EOPD FOR INVERTED FLT. ENG FAILED AT TOP OF LOOP.</p>						
3-2545	7/21/73	HANDON, OREG	FLYBABY N1432 DAMAGE-SUBSTANTIAL	CH- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	COMMERCIAL, FL. INSTR., AGE 39, 1850 TOTAL HOURS, 4 IN TYPE, INSTRUMENT RATED.
<p>NAME OF AIRPORT - HANDON DEPARTURE POINT HANDON, OREG TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION COLLIDED WITH: TREES</p> <p>INTENDED DESTINATION LOCAL</p> <p>PHASE OF OPERATION IN FLIGHT: DESCENDING LANDING: FINAL APPROACH</p> <p>PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT WEATHER - CONDITIONS CONDUCTIVE TO CARB./INDUCTION SYSTEM ICING MISCELLANEOUS ACTS/CONDITIONS - ICE-CARRURETOR TERRAIN - OTHER PARTIAL POWER LOSS - PARTIAL LOSS OF POWER - 1 ENGINE WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND</p> <p>SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 CR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE WIND DIRECTION-DEGREES 340 TYPE OF WEATHER CONDITIONS VFL</p> <p>CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE TEMPERATURE-F 65 WIND VELOCITY-KNOTS 10 TYPE OF FLIGHT PLAN NONE</p> <p>REMARKS- EXP TEST FLT. INADQT CARB HEATER MUFFS. LNDG IN TREE.</p>						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2089	8/31/73	MARIETTA, PA	WITTS SPCL N7T	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 52, 472 TOTAL HOURS, 0 IN TYPE, NOT INSTRUMENT RATED.
DAMAGE-SUBSTANTIAL NAME OF AIRPORT - E-TOWN MARIETTA DEPARTURE POINT INTENDED DESTINATION MARIETTA, PA LOCAL TYPE OF ACCIDENT HARD LANDING COLLIDED WITH: RUNWAY CR APPROACH LIGHTS PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN LANDING: ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT FACILITIES: TAXIWAY LIGHTING AND MARKING REMARKS- BOUNCED ON TOUCHDOWN, LOG GR SPREAD ON RECOVERY.S						
3-2201	9/2/73	BALLY, PA	PAT-BAR SPCL N229D	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 296 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.
DAMAGE-SUBSTANTIAL NAME OF AIRPORT - BUTTER VALLEY DEPARTURE POINT INTENDED DESTINATION BALLY, PA GILBERTSVILLE, PA TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING PHASE OF OPERATION TAKEOFF: INITIAL CLIMB LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - WATER IN FUEL PILOT IN COMMAND - IMPROPER LEVEL OFF FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- PLT DIDNT SUMP TANK, REFUELING FACILITY OKD OK, BOTH MAIN GR FAILED.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2657	9/10/73 TIME - 1800	INDIANA, PA	JFANIES TEENIE N9777 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 57, 830 TOTAL HOURS, 30 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - JIMMY STEWART DEPARTURE POINT INTENDED DESTINATION INDIANA, PA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING: LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING: ROLL  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER LEVEL OFF PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE WEATHER - TURBULENCE IN FLIGHT, CLEAR AIR WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED  SKY CONDITION CEILING AT ACCIDENT SITE CLEAR UNLIMITED VISIBILITY AT ACCIDENT SITE PRECIPITATION AT ACCIDENT SITE 5 CR OVER NONE OBSTRUCTIONS TO VISION AT ACCIDENT SITE TYPE OF WEATHER CONDITIONS NONE VFR TYPE OF FLIGHT PLAN NONE REMARKS- TOUCHED DOWN ON NOSE LANDING GEAR.						
3-3291	10/21/73 TIME - 1430	W. KINGSTON, RI	BUTTERWORTH TEENIE N50GB DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 35, 278 TOTAL HOURS, 98 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - RICHMOND AIR PARK DEPARTURE POINT INTENDED DESTINATION WESTERLY, RI RETURN TYPE OF ACCIDENT LAST ENROUTE STOP ENGINE FAILURE OR MALFUNCTION W. KINGSTON, RI COLLIDED WITH: ANIMALS PHASE OF OPERATION TAKEOFF: INITIAL CLIMB LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) POWERPLANT - ENGINE STRUCTURE: OTHER MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- NR 1 MAIN BEARING FOUND SEIZED TO CRANKSHAFT JOURNAL. OIL PUMP, OIL SCREEN, AND PASSAGES OK.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1645	5/18/73 TIME - 1230	FLORENCE, SC	THURSTON TSC-1A N2010T DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 45, 839 TOTAL HOURS, 30 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - FLORENCE MUN DEPARTURE POINT INTENDED DESTINATION SAVANNAH, GA FLORENCE, SC TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING: ROLL GEAR COLLAPSED LANDING: ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL PILOT IN COMMAND - IMPROPER COMPENSATION FOR WIND CONDITIONS FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE REMARKS- LNDD RWY 36 WIND 260 DEG 5K.						
3-1674	7/14/73 TIME - 1415	ROGERSVILLE, TENN	VOLKSPLANE WE-1 N2452 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 28, 196 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HAWKINS CO DEPARTURE POINT INTENDED DESTINATION ROGERSVILLE, TENN LOCAL TYPE OF ACCIDENT PHASE OF OPERATION STALL TAKEOFF: INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED REMARKS- AFTER LIFT OFF, LOST DIRECTIONAL CTL & CUT PWR.						
3-2691	7/24/73 TIME - 1630	TIPTONVILLE, TENN	OLDFIELD GT. LKS N962 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, 413 TOTAL HOURS, 9 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - GOOCH AIRFIELD DEPARTURE POINT INTENDED DESTINATION TIPTONVILLE, TENN LOCAL TYPE OF ACCIDENT PHASE OF OPERATION OVERSHOOT LANDING: LEVEL OFF/TOUCHDOWN COLLIDED WITH: FENCE, FENCEPOSTS LANDING: ROLL PROBABLE CAUSE(S) PILOT IN COMMAND - MISJUDGED DISTANCE AND SPEED PILOT IN COMMAND - FAILED TO INITIATE GO-AROUND MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION MISCELLANEOUS ACTS, CONDITIONS - INTENTIONAL GROUND-WATER-LOOP-SWERVE FACTOR(S) TERRAIN - ROUGH/UNEVEN REMARKS- LANDED LONG TURNED INTO COTTON PATCH TO AVOID DITCH AT END OF RUNWAY.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-098A	5/7/73 TIME - 1500	HOERNE, TEX	PITTS SIC N15R1 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 58, 5525 TOTAL HOURS, 209 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SABINA AIRPARK DEPARTURE POINT INTENDED DESTINATION CIPOLLO, TEX HOERNE, TEX TYPE OF ACCIDENT PHASE OF OPERATION GROUND-WATER LOOP-SWERVE LANDING: ROLL COLLIDED WITH: TREES LANDING: ROLL PROPER CAUSE(S) PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: HIGH VEGETATION REMARKS- ACFT DRIFTED TO R DRG ROLL OUT INTO HIGH GRASS.						
3-236A	9/9/73 TIME - 1850	HEREFORD, TEX	HARDING ACE E N5753 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, 150 TOTAL HOURS, 13 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - HERFFORD STRIP DEPARTURE POINT INTENDED DESTINATION HEREFORD, TEX LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLIDED WITH: FENCE, FENCEPOSTS TAKEOFF: INITIAL CLIMB PROPER CAUSE(S) PILOT IN COMMAND - SELECTED WRONG RUNWAY RELATIVE TO EXISTING WIND FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND REMARKS- HIT POST AND SEVERAL STRANDS OF BARBED WIRE.						
3-2979	10/19/73 TIME - 0800	COMMERCE, TEX	JUNGMEISTER HUCKER N7010 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 21, 371 TOTAL HOURS, 24 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - COMMERCE DEPARTURE POINT INTENDED DESTINATION COMMERCE, TEX LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER: CONTROLLED IN FLIGHT: AEROBATICS PROPER CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PILOT IN COMMAND - MISJUDGED ALTITUDE MISCELLANEOUS ACTS, CONDITIONS - UNWARRANTED LOW FLYING REMARKS- PLT ATTEMPTED A SNAP ROLL 300 FT AGL IN A 3/4 SCALE MODEL JUNGMEISTER ACFT.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3342	11/16/73 TIME - 1012	HARLINGEN, TEX	MORANE F1156C N43FS DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	AIRLINE TRANSPORT, AGE 51, 16891 TOTAL HOURS, 40 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HARLINGEN DEPARTURE POINT HARLINGEN, TEX INTENDED DESTINATION FORT WORTH, TEX TYPE OF ACCIDENT ENGINE FAILURE OR MALFUNCTION HARD LANDING LAST ENROUTE STOP BEEVILLE, TEX PHASE OF OPERATION IN FLIGHT: CLIMB TO CRUISE LANDING: LEVEL OFF/TOUCHDOWN PROFABLE CAUSE(S) POWERPLANT - MISCELLANEOUS: POWERPLANT FAILURE FOR UNDETERMINED REASONS PILOT IN COMMAND - IMPROPER LEVEL OFF MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION FACTOR(S) MISCELLANEOUS - ANIMAL(S) ON RUNWAY/TAXIWAY/RAMP COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- DRG LG.A HORSE RAN INTO APCH PATH,PLT YAWED ACFT,DSCNDD IN NR LEVEL ATTITUDE.						
3-3534	11/23/73 TIME - 1700	OLNEY, TEX	HENSEN BHM N6237 DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	NO CERTIFICATE, AGE 53, 62 TOTAL HOURS, 1 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - OLNEY DEPARTURE POINT OLNEY, TEX INTENDED DESTINATION LOCAL TYPE OF ACCIDENT STALL: PUSH PHASE OF OPERATION LANDING: TRAFFIC PATTERN-CIRCLING PROFABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT WEATHER - UNFAVORABLE WIND CONDITIONS FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL MISCELLANEOUS ACTS, CONDITIONS - DOWNWIND WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - UNKNOWN/NOT REPORTED SKY CONDITION SCATTERED VISIBILITY AT ACCIDENT SITE 5 CR OVER OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE TEMPERATURE-F 80 WIND VELOCITY-KNOTS 15 TYPE OF FLIGHT PLAN NCAF CEILING AT ACCIDENT SITE UNLIMITED PRECIPITATION AT ACCIDENT SITE NONE RELATIVE BEARING OF WIND TAIL WIND 158-202 DEGREES WIND DIRECTION-DEGREES 180 TYPE OF WEATHER CONDITIONS VFR REMARKS- SETTLED WITH PWR ON DOWNWIND LEG, GUSTS TO 25K, PLT FAILED RECENT PHYSICAL EXAM, HI BLOOD PRESS.						

# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3171	10/4/73 TIME - 1620	SALT LAKE CITY, UT	WITTMAN W-R N11511 DAMAGE-SUBSTANTIAL	CP- 0 0 1 PX- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 34, 593 TOTAL HOURS, 149 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - SALT LAKE CITY DEPARTURE POINT INTENDED DESTINATION DUGLAS, WYC SALT LAKE CITY, UT TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION IN FLIGHT: NORMAL CRUISE GEAR COLLAPSED LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - IMPROPER IN-FLIGHT DECISIONS OR PLANNING MISCELLANEOUS ACTS, CONDITIONS - FUEL EXHAUSTION MISCELLANEOUS ACTS, CONDITIONS - MISCALCULATED FUEL CONSUMPTION FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - OVERLOAD FAILURE TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- OVERFLEW SUITABLE ARPT, RAN OUT OF FUEL, LND HARD AVOIDING PWR LINES.						
3-1303	5/19/73 TIME - 1200	BUCKINGHAM, VA	BANNICK T-100 N719E DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	MISCELLANEOUS TEST	PRIVATE, AGE 56, 115 TOTAL HOURS, 40 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BRADSHAW DEPARTURE POINT INTENDED DESTINATION BUCKINGHAM, VA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH GROUND/WATER: UNCONTROLLED LANDING: FINAL APPROACH  PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO MAINTAIN ADEQUATE ROTOR R.P.M. REMARKS- EXPERIMENTAL TEST FLIGHT.						

## BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0901	4/14/73	LANGLEY, WASH	WOOD VJ-22 N5510 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 60, 2900 TOTAL HOURS, 395 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - WOOD DEPARTURE POINT INTENDED DESTINATION LANGLEY, WASH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION ENGINE FAILURE OR MALFUNCTION TAKEOFF: INITIAL CLIMB STALL LANDING: FINAL APPROACH  PROBABLE CAUSE(S) POWERPLANT - MISCELLANEOUS: POWERPLANT FAILURE FOR UNDETERMINED REASONS MISCELLANEOUS - EVASIVE MANEUVER TO AVOID COLLISION FACTOR(S) TERRAIN - HIGH OBSTRUCTIONS COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- ENG LOST PWR. PLT TURNED L TO AVOID TREES, ACFT STALLED INTO OTR TREES.						
3-2550	6/8/73	BREMERTON, WASH	COUGER 1 N2513 DAMAGE-SUBSTANTIAL	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 67, 5000 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - KITSAP COUNTY DEPARTURE POINT INTENDED DESTINATION BREMERTON, WASH LOCAL TYPE OF ACCIDENT PHASE OF OPERATION HARD LANDING LANDING: LEVEL OFF/TOUCHDOWN GEAR COLLAPSED LANDING: LEVEL OFF/TOUCHDOWN  PROBABLE CAUSE(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT WEATHER - UNFAVORABLE WIND CONDITIONS  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 RELATIVE BEARING OF WIND NONE HEAD WIND 338-022 DEGREES WIND DIRECTION-DEGREES WIND VELOCITY-KNOTS 210 20 TYPE OF WEATHER CONDITIONS TYPE OF FLIGHT PLAN VFR NONE REMARKS- LGGR PROP, CG UNK, ERRATIC FLT, NOSE DROP EA PWR REDCTN, TRIM FULL FWD, PITOT CVR ON, 1ST FLT 1973, GUSTY						



# BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4042	9/9/73 TIME - 1400	SPOKANE, WASH	PJTTS S-1C N55 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, AGE 42, 3716 TOTAL HOURS, 200 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - FELTS FIELD DEPARTURE POINT - EVERETT, WASH INTENDED DESTINATION - SPOKANE, WASH LAST ENROUTE STOP - WENATCHEE, WASH TYPE OF ACCIDENT - GROUND-WATER LOOP-SWERVE PHASE OF OPERATION - LANDING: ROLL COLLIDED WITH: OBJECT - LANDING: ROLL PROBABLE CAUSE(S) - PILOT IN COMMAND - FAILED TO MAINTAIN DIRECTIONAL CONTROL FACTOR(S) - PERSONNEL - MAINTENANCE, SERVICING, INSPECTION: INADEQUATE MAINTENANCE AND INSPECTION AIRFRAME - LANDING GEAR: BRAKING SYSTEM (NORMAL SYSTEM) MISCELLANEOUS ACTS/CONDITIONS - OVERLOAD FAILURE REMARKS- L WG TIP HIT RWY DURNG GRND LOOP. DMGD MN SPAR OF LWR L WG. L BRAKE INOP.						
3-4076	10/4/73 TIME - 1757	DALLESFORT, WASH	SCORRELL SNS-6 N66S DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 48, 6000 TOTAL HOURS, 8 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - DALLESFORT DEPARTURE POINT - DALLESFORT, WASH INTENDED DESTINATION - LOCAL TYPE OF ACCIDENT - ENGINE FAILURE OR MALFUNCTION PHASE OF OPERATION - LANDING: TRAFFIC PATTERN-CIRCLING COLLIDED WITH: OBJECT - 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 - FUEL EXHAUSTION TERRAIN - OTHER COMPLETE POWER LOSS - COMPLETE ENGINE FAILURE/FLAMEOUT-1 ENGINE EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND REMARKS- LND AMONG BOULDERS NEAR RIVER.						
3-1418	5/28/73 TIME - 0945	BLOOMER, WIS	CASSUTT 111M N143L DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL. INSTR., AGE 31, 2578 TOTAL HOURS, 10 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BLOOMER DEPARTURE POINT - BLOOMER, WIS INTENDED DESTINATION - MINNEAPOLIS, MINN TYPE OF ACCIDENT - COLLISION WITH GROUND/WATER: CONTROLLED PHASE OF OPERATION - IN FLIGHT: OTHER PROBABLE CAUSE(S) - PILOT IN COMMAND - MISJUDGED ALTITUDE PILOT IN COMMAND - LACK OF FAMILIARITY WITH AIRCRAFT REMARKS- PLT HAD ONLY ONE HOUR FLYING THIS ACFT LAST 90 DAYS. CLBD NEAR VERT ABT 300FT THEN WING OVR TO L.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2844	6/13/73 TIME - 1940	PRESCOTT, WIS	MOONRAKER 100 NR669E DAMAGE-DESTROYED INTENDED DESTINATION RED WING, MINN	CR- 1 0 0 PX- 0 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 36, 448 TOTAL HOURS, 2 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT PRESCOTT, WIS						
TYPE OF ACCIDENT COLLISION WITH GROUND/WATER: UNCONTROLLED			PHASE OF OPERATION IN FLIGHT: OTHER			
PROBABLE CAUSE(S) MISCELLANEOUS - UNDETERMINED						
FACTOR(S) PILOT IN COMMAND - ATTEMPTED OPERATION W/KNOWN DEFICIENCIES IN EQUIPMENT						
FIRE AFTER IMPACT						
REMARKS- TOOK OFF WITH FOUR KNOWN DEFICIENCIES IN EQUIP. FUEL SELECT FOUND OFF. ACFT DESTROYED BY FIRE.						
3-2132	8/3/73 TIME - 1315	OSHKOSH, WIS	STITS SA38 N3849 DAMAGE-SUBSTANTIAL	CR- 0 1 0 PX- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 15R TOTAL HOURS, 63 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - WITTMAN FIELD						
DEPARTURE POINT OSHKOSH, WIS			INTENDED DESTINATION LOCAL			
TYPE OF ACCIDENT STALL			PHASE OF OPERATION LANDING: FINAL APPROACH			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED						

EMBRY-RIDDLE AERO U. DAYTONA BEACH



3 1745 00070 6385

