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Accidents

**BRIEFS OF ACCIDENTS
INVOLVING
MIDAIR COLLISIONS
U.S. GENERAL AVIATION
1973**



NATIONAL TRANSPORTATION SAFETY BOARD
Washington, D.C. 20594
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Midair Collisions

TECHNICAL REPORT DOCUMENTATION PAGE

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16. Abstract This publication contains reports of U. S. general aviation midair collision accidents occurring in 1973. Included are 24 accident files, 12 of which involve fatal accidents. The brief format presents the facts, conditions, circumstances, and probable cause(s) for each accident. Additional statistical information is tabulated by kind of flying, 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 midair collision accident Briefs arranged in state and date order. In addition, this publication includes several statistical tables which tabulate and summarize selected accident information, such as kind of flying, phase of operation, injuries, cause/factors and pilots certificate.

In 1973, the entire U. S. General Aviation fleet flew 30,048,000 hours and was involved in 24 midair collisions, 12 of which were fatal. This resulted in total and fatal midair collision accident rates of 0.08 and 0.04 per 100,000 hours flown, respectively. In comparison, there were 4,255 total accidents and 723 fatal U. S. General Aviation accidents, resulting in total and fatal accident rates per 100,000 hours flown of 14.2 and 2.40, respectively.

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

"(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."

In reading these reports, it should be borne in mind that they are reproduced directly from coded records on magnetic tape by electronic data processing equipment. Also, in reading the text, it must be borne in mind that computer language is utilized, thus requiring a number of abbreviations due to spacing limitations. Caution should be exercised in reading the Briefs of Accidents, especially those containing abbreviations in phrases and sentences.

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

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

1973

	INJURIES					TOTAL
	FATAL	SERIOUS	MINOR	NONE	UNKNOWN	
PILOT	15	3	3	27		48
COPILOT						
DUAL STUDENT	1	1		5		7
CHECK PILOT						
FLIGHT ENGINEER				1		1
NAVIGATOR						
CABIN ATTENDANT						
EXTRA CREW	1			1		2
PASSENGERS	12	2	1	10		25
 TOTAL	 29	 6	 4	 44	 ABOARD	 83
 * OTHER AIRCRAFT						
OTHER GROUND			1	1		2
 GRAND TOTAL	 29	 6	 5	 45		 85

INVOLVES 24 TOTAL ACCIDENTS
INVOLVES 12 FATAL ACCIDENTS

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

ANALYTIC TABLE

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			UNKNOWN/ NOT REPORTED
<u>INSTRUCTIONAL</u>												
DUAL					6						6	6
SOLO	3										3	3
CHECK												
TRAINING	3					1					4	4
<u>NONCOMMERCIAL</u>												
PLEASURE	1	16	2		1						20	16
PRACTICE		2									2	2
BUSINESS			1								1	1
CORPORATE/EXECUTIVE			1								1	1
AERIAL SURVEY												
COMPANY FLIGHT												
OTHER												
<u>COMMERCIAL</u>												
AERIAL APPLICATION												
CROP CONTROL RELATED FLIGHT					1						1	1
FIRE CONTROL			1		1						2	1
FIRE CONTROL RELATED FLIGHT												
AERIAL MAPPING/PHOTOGRAPHY												
AERIAL ADVERTISING												
POWER AND PIPELINE PATROL												
FISH SPOTTING												
AIR TAXI-PASSENGER OPERATIONS					1						1	1
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												

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		
UNKNOWN/NOT REPORTED										
<u>MISCELLANEOUS</u>										
EXPERIMENTATION										
TEST			1						1	1
DEMONSTRATION										
FERRY										
SEARCH AND RESCUE										
AIR SHOW/AIR RACING		2							2	1
PARACHUTE JUMP										
PARACHUTE JUMP-AIR SHOW										
TOWING GLIDERS										
SEEDING CLOUDS										
HUNTING			2						2	1
POLICE PATROL										
HIGHWAY TRAFFIC ADVISORY										
ALL OTHER PUBLIC FLYING			1			1			2	1
OTHER										
UNKNOWN/NOT REPORTED										
RECORDS	7	20	9		10	2			48	
ACCIDENTS	7	14	7		9	2				24

ANALYTIC TABLE

FIRST PHASE OF OPERATION BY AIRCRAFT DAMAGE

FIRST OPERATIONAL PHASE	AIRCRAFT DAMAGE				RECORDS	ACCIDENTS
	DESTROYED	SUBSTANTIAL	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						
FROM LANDING						
OTHER						
GROUND TAXI TO TAKEOFF						
GROUND TAXI FROM LANDING						
GROUND TAXI, OTHER						
AERIAL TAXI TO TAKEOFF						
AERIAL TAXI TO/FROM LANDING						
AERIAL TAXI, OTHER						
<u>TAKEOFF</u>						
RUN						
INITIAL CLIMB	1	3			4	3
VERTICAL						
RUNNING						
ABORTED						
ABORTED						
ABORTED						
OTHER						
<u>INFLIGHT</u>						
CLIMB TO CRUISE	1	1			2	1
NORMAL CRUISE	3	4			7	5
DESCENDING		1			1	1
HOLDING						
HOVERING						
POWER-ON DESCENT						
AUTOROTATIVE DESCENT						
ACROBATICS						
BUZZING						

ANALYTIC TABLE

FIRST PHASE OF OPERATION BY AIRCRAFT DAMAGE

<u>FIRST OPERATIONAL PHASE</u>	<u>AIRCRAFT DAMAGE</u>				RECORDS	ACCIDENTS
	DESTROYED	SUBSTANTIAL	MINOR	NONE		
UNCONTROLLED DESCENT						
EMERGENCY DESCENT						
LOW PASS						
OTHER	7	1	2		10	6
EN ROUTE TO TREAT CROP						
EN ROUTE TO RELOADING AREA						
SURVEY FIELD/AREA						
STARTING SWATH RUN						
SWATH RUN	1				1	1
FLAREOUT FOR SWATH RUN						
PULLUP FROM SWATH RUN						
PROCEDURE TURNAROUND						
CLEANUP SWATH						
MANEUVER TO AVOID OBSTRUCTION						
RETURN TO STRIP						
<u>LANDING</u>						
TRAFFIC PATTERN-CIRCLING	1	2			3	3
FINAL APPROACH	4	4	2		10	7
INITIAL APPROACH						
FINAL APPROACH						
LEVEL OFF/TOUCHDOWN		6	2		8	5
ROLL						
ROLL-ON/RUN-ON						
POWER-ON LANDING						
POWER-OFF AUTOROTATIVE LDG						
GO-AROUND	1	1			2	2
MISSED APPROACH						
OTHER						
UNKNOWN/NOT REPORTED						
RECORDS	19	23	6		48	
ACCIDENTS	15	17	6			24

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						
FROM LANDING						
OTHER						
GROUND TAXI TO TAKEOFF						
GROUND TAXI FROM LANDING						
GROUND TAXI, OTHER						
AERIAL TAXI TO TAKEOFF						
AERIAL TAXI TO/FROM LANDING						
AERIAL TAXI, OTHER						
<u>TAKEOFF</u>						
RUN						
INITIAL CLIMB	1	2	1		4	3
VERTICAL						
RUNNING						
ABORTED						
ABORTED						
ABORTED						
OTHER						
<u>INFLIGHT</u>						
CLIMB TO CRUISE			2		2	1
NORMAL CRUISE	3		4		7	5
DESCENDING	1				1	1
HOLDING						
HOVERING						
POWER-ON DESCENT						
AUTOROTATIVE DESCENT						
ACROBATICS						
BUZZING						

ANALYTIC TABLE

FIRST PHASE OF OPERATION BY INJURY INDEX

FIRST OPERATIONAL PHASE	INJURY INDEX				RECORDS	ACCIDENTS
	FATAL	SERIOUS	MINOR	NONE		
UNCONTROLLED DESCENT						
EMERGENCY DESCENT						
LOW PASS						
OTHER	10				10	6
EN ROUTE TO TREAT CROP						
EN ROUTE TO RELOADING AREA						
SURVEY FIELD/AREA						
STARTING SWATH RUN						
SWATH RUN	1				1	1
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	2			1	3	3
FINAL APPROACH	5	3		2	10	7
INITIAL APPROACH						
FINAL APPROACH						
LEVEL OFF/TOUCHDOWN			1	7	8	5
ROLL						
ROLL-ON/RUN-ON						
POWER-ON LANDING						
POWER-OFF AUTOROTATIVE LDG						
GO-AROUND	1			1	2	2
MISSED APPROACH						
OTHER						
UNKNOWN/NOT REPORTED						
RECORDS	24	5	1	18	48	
ACCIDENTS	12	3	1	10		24

CAUSE/FACTOR TABLE
ACCIDENTS INVOLVING MIDAIR COLLISIONS
U.S. GENERAL AVIATION

1973

INVOLVES 24 TOTAL ACCIDENTS
INVOLVES 12 FATAL ACCIDENTS

BROAD CAUSE/FACTOR	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*
PILOT	12 100.00	3 25.00	12 100.00	12 100.00	4 33.33	12 100.00	24 100.00	7 29.17	24 100.00
PERSONNEL	11 91.67	3 25.00	11 91.67	12 100.00	.00	12 100.00	23 95.83	3 12.50	23 95.83
AIRFRAME	.00	1 8.33	1 8.33	.00	.00	.00	.00	1 4.17	1 4.17
LANDING GEAR	.00	1 8.33	1 8.33	.00	.00	.00	.00	1 4.17	1 4.17
POWERPLANT	.00	.00	.00	.00	.00	.00	.00	.00	.00
SYSTEMS	.00	.00	.00	.00	.00	.00	.00	.00	.00
INSTRUMENTS/EQUIPMENT AND ACCESSORIES	.00	.00	.00	.00	.00	.00	.00	.00	.00
ROTORCRAFT	.00	.00	.00	.00	.00	.00	.00	.00	.00
AIRPORTS/AIRWAYS/FACILITIES	.00	.00	.00	.00	1 8.33	1 8.33	.00	1 4.17	1 4.17
WEATHER	.00	2 16.67	2 16.67	.00	.00	.00	.00	2 8.33	2 8.33
TERRAIN	.00	.00	.00	.00	.00	.00	.00	.00	.00
MISCELLANEOUS	.00	.00	.00	.00	.00	.00	.00	.00	.00
UNDETERMINED	.00	.00	.00	.00	.00	.00	.00	.00	.00

PAGE XI

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
ACCIDENTS INVOLVING MIDAIR COLLISIONS
U.S. GENERAL AVIATION

1973

INVOLVES 24 TOTAL ACCIDENTS
INVOLVES 12 FATAL ACCIDENTS

DETAILED CAUSE/FACTOR -----	FATAL ACCIDENTS -----			NONFATAL ACCIDENTS -----			ALL ACCIDENTS -----		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND									
DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT		1	1		2	2		3	3
FAILED TO SEE AND AVOID OTHER AIRCRAFT	17	1	18	17		17	34	1	35
FAILED TO OBTAIN/MAINTAIN FLYING SPEED	1		1				1		1
FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT					1	1		1	1
FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC	1	3	4	1	2	3	2	5	7
IMPROPER OPERATION OF FLIGHT CONTROLS	1		1				1		1
INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING					1	1		1	1
INADEQUATE SUPERVISION OF FLIGHT	1		1				1		1
EXERCISED POOR JUDGMENT	1		1	1		1	2		2
MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS	1		1				1		1
SUBTOTAL	23	5	28	19	6	25	42	11	53
DUAL STUDENT									
FAILED TO SEE OTHER AIRCRAFT	1	1	2				1	1	2
SUBTOTAL	1	1	2				1	1	2
** PERSONNEL **									
FLIGHT INSTRUCTOR									
MAINTENANCE, SERVICING, INSPECTION									
OPERATIONAL SUPERVISORY PERSONNEL									
WEATHER PERSONNEL									
TRAFFIC CONTROL PERSONNEL									
INADEQUATE SPACING OF AIRCRAFT		2	2					2	2
OTHER		4	4					4	4
AIRPORT SUPERVISORY PERSONNEL									
AIRWAYS FACILITIES PERSONNEL									
PRODUCTION-DESIGN-PERSONNEL									
MISCELLANEOUS-PERSONNEL									
PILOT OF OTHER AIRCRAFT	17	1	18	18		18	35	1	36
THIRD PILOT									
FLIGHT ENGINEER									
DISPATCHING									
SUBTOTAL	17	7	24	18		18	35	7	42
** AIRFRAME **									
WINGS									
FUSELAGE									
LANDING GEAR									
SWITCHES, LEVERS, CRANKING MECHANISM, ETC		1	1					1	1
FLIGHT CONTROL SURFACES									
VERTICAL STABILIZER, ATTACHMENTS		1	1					1	1
SUBTOTAL		2	2					2	2
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES									
AIRPORT CONDITIONS									
OTHER					2	2		2	2
AIRWAYS FACILITIES									
SUBTOTAL					2	2		2	2
** WEATHER **									

CAUSE/FACTOR TABLE

WEATHER (CONTINUED)

	FATAL ACCIDENTS			NONFATAL ACCIDENTS			ALL ACCIDENTS		
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
OBSTRUCTIONS TO VISION		2	2					2	2
OTHER		2	2					2	2
SUBTOTAL		4	4					4	4
GRAND TOTAL	41	19	60	37	8	45	78	27	105
** MISCELLANEOUS ACTS, CONDITIONS **									
WINDSHIELD, DIRTY, FOGGY, ETC-RESTRICTED VISION					1	1		1	1
SEPARATION IN FLIGHT		2	2					2	2
CONGESTED TRAFFIC-PATTERN		2	2		2	2		4	4
SUNGLARE		2	2		2	2		4	4
TOUCH AND GO LANDING		1	1					1	1

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

LISTING OF ACCIDENTS
INVOLVING MID-AIR COLLISIONS
U.S. GENERAL AVIATION
1973
(IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 0095	N5483Z	011373	EDGEWATER, MD	PIPER	PA-22	SERIOUS
3 0095	N9439D	011373	EDGEWATER, MD	PIPER	PA-22	NONE
3 0100	N4239U	011473	NASHUA, NH	CESSNA	150	NONE
3 0100	N595FL	011473	NASHUA, NH	PIPER	PA-28	MINOR
3 0129	N1268Q	020373	BEAUMONT, TEX	CESSNA	150L	NONE
3 0129	N18741	020373	BEAUMONT, TEX	CESSNA	150L	NONE
3 0183	N4160J	010773	HAYWARD, CALIF	PIPER	PA-28	FATAL
3 0183	N60997	010773	HAYWARD, CALIF	CESSNA	150	FATAL
3 0416	N3156D	020473	COOPER LDG, ALAS	CESSNA	180D	FATAL
3 0416	N7698K	020473	COOPER LDG, ALAS	PIPER	PA-20	FATAL
3 0852	N50814	050173	PACOIMA, CALIF	CESSNA	150	NONE
3 0852	N974SR	050173	PACOIMA, CALIF	CESSNA	182	NONE
3 1553	N194P	052673	NREDDING, CALIF	GLASFLUGEL	H301B	NONE
3 1553	N696Z	052673	NREDDING, CALIF	BOLKOW	A-1	NONE
3 1560	N3746Q	070773	SONOMA, CALIF	BEECH	V35	FATAL
3 1560	N5127T	070773	SONOMA, CALIF	CHAMPION	7ECA	FATAL
3 1903	N1800K	070873	NPASADENA, MD	LUSCOMBE	8E	NONE
3 1903	N8101X	070873	NPASADENA, MD	CESSNA	172	NONE
3 2421	N135Z	080273	NCHESTER, CALIF	CESSNA	310A	FATAL
3 2421	N9083Z	080273	NCHESTER, CALIF	GRUMMAN	TBM-3	FATAL
3 2444	N21689	081773	SWAN QUARTER, NC	CESSNA	188B	FATAL
3 2444	N3767L	081773	SWAN QUARTER, NC	CESSNA	172	FATAL
3 2639	N20042	091273	NEW CARLISLE, OHIO	CESSNA	172	NONE
3 2639	N7792W	091273	NEW CARISLE, OHIO	PIPER	PA-28	NONE
3 2859	N1783Q	081273	TORRANCE, CALIF	CESSNA	150L	FATAL
3 2859	N20265	081273	TORRANCE, CALIF	CESSNA	172M	FATAL

LISTING OF ACCIDENTS
INVOLVING MID-AIR COLLISIONS
U.S. GENERAL AVIATION
1973
(IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAFT REGIST.	DATE	LOCATION	AIRCRAFT MAKE	MODEL	INJURY INDEX
3 3056	N15897	081773	BATAVIA, OHIO	PIPER	PA-28	NONE
3 3056	N55524	081773	BATAVIA, OHIO	PIPER	PA-28	NONE
3 3102	N2133T	103173	HARTFORD, CONN	PIPER	PA-28	NONE
3 3102	N6108G	103173	HARTFORD, CONN	CESSNA	150	NONE
3 3221	N21208	110673	DIX HILLS, NY	CESSNA	182P	FATAL
3 3221	N5569Y	110673	DIX HILLS, NY	PIPER	PA-23	FATAL
3 3374	N18155	100273	JOINER, ARK	CESSNA	150L	NONE
3 3374	N8181L	100273	JOINER, ARK	CESSNA	172H	NONE
3 3486	N461NC	112073	WEBSTER, PA	BELL	206A	FATAL
3 3486	N6075G	112073	WEBSTER, PA	CESSNA	150K	FATAL
3 3645	N127	072773	YUKON, OKLA	BOEING	727	FATAL
3 3645	N78297	072773	YUKON, OKLA	CESSNA	172K	FATAL
3 3714	N2641	121573	AMITYVILLE, NY	STINSON	108-1	SERIOUS
3 3714	N6771J	121573	AMITYVILLE, NY	PIPER	PA-28	SERIOUS
3 3939	N3872Z	111273	ANCHORAGE, ALAS	PIPER	PA-18	SERIOUS
3 3939	N6936K	111273	ANCHORAGE, ALAS	PIPER	PA-20	SERIOUS
3 3945	N1732H	112773	SAN DIEGO, CALIF	CESSNA	310C	FATAL
3 3945	N5087S	112773	SAN DIEGO, CALIF	PIPER	PA-28R	FATAL
3 3966	N14514	111973	KINSTON, NC	BEECH	T-34B	FATAL
3 3966	N4738C	111973	KINSTON, NC	BEECH	T-34B	FATAL
3 4092	N2665L	091373	WHEELING, ILL	CESSNA	172H	FATAL
3 4092	N3076S	091373	WHEELING, ILL	CESSNA	150G	FATAL

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON, D. C. 20591

MID-AIR COLLISIONS

U.S. GENERAL AVIATION

1973

(IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0416	2/4/73	COOPER LDG. ALAS	PIPER PA-20	CR- 1 0 0	NONCOMMERCIAL	PRIVATE, AGE 29, 200
	TIME - 1230		N769BK	PX- 1 0 0	PLEASURE/PERSONAL TRANSP	TOTAL HOURS, 50 IN TYPF,
			DAMAGE-DESTROYED	OT- 4 0 0		NOT INSTRUMENT RATED.
	DEPARTURE POINT		INTENDED DESTINATION			
	KENAI, ALAS		UNKNOWN/NOT REPORTED			
	TYPE OF ACCIDENT				PHASE OF OPERATION	
	COLLISION WITH AIRCRAFT: BOTH IN FLIGHT				IN FLIGHT: OTHER	
	PROBABLE CAUSE(S)					
	PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT					
	FACTOR(S)					
	WEATHER - OTHER					
	MISCELLANEOUS ACTS, CONDITIONS - SUNGLARF					
	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				TYPE OF WEATHER CONDITIONS	
	NONE				VFR	
	TYPE OF FLIGHT PLAN					
	NONE					
	SPECIAL DATA					
	SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV.					
	CONTROLLING AGENCY - NO CONTROL				RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT	
	TRAFFIC ADVISORY ISSUED - NONE				CONTROL ZONE/AREA - NO	
	CONVERGENCE ANGLE-DEGREES - 0				HORIZONTAL COLLISION ANGLE-DEGREES - 290	
	EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED					
	REMARKS- RESTRICTED VISIBILITY DUE TO BRIGHT SUN.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0416	2/4/73 TIME - 1230	COOPER LDG,ALAS	CESSNA 180D N3156D DAMAGE-DESTROYED	CR- 1 0 0 PX- 3 0 0 OT- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGF 33, R63 TOTAL HOURS, 183 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT ANCHORAGE,ALAS	INTENDED DESTINATION LOCAL				
	TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT			PHASE OF OPERATION IN FLIGHT: OTHER		
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT					
	FACTOR(S) WEATHER - OTHER MISCELLANEOUS ACTS,CONDITIONS - SUNGLARE					
	SKY CONDITION CLEAR			CEILING AT ACCIDENT SITE UNLIMITED		
	VISIBILITY AT ACCIDENT SITE 5 CR OVER			PRECIPITATION AT ACCIDENT SITE NONE		
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE			TYPE OF WEATHER CONDITIONS VFR		
	TYPE OF FLIGHT PLAN NONE					
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONVRGENCE ANGLE-DEGREES - 0 VERTICAL COLLISION ANGLE-DEGREES - Z			US GEN.AV. RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT CONTROL ZONE/AREA - NO HORIZONTAL COLLISION ANGLE-DEGREES - 110 EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED		
	REMARKS- RESTRICTED VISIBILITY DUE TO BRIGHT SUN.					
3-3939	11/12/73 TIME - 0833	ANCHORAGE,ALAS	PIPER PA-20 N6936K DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 1 OT- 0 1 1	MISCELLANEOUS HUNTING	COMMERCIAL, AGE 45, 3000 TOTAL HOURS, 83 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - LK HOOD SEADROME	INTENDED DESTINATION SKWENTNA,ALAS				
	DEPARTURE POINT ANCHORAGE,ALAS					
	TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT			PHASE OF OPERATION TAKEOFF: INITIAL CLIMB		
	PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT					
	FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - SUNGLARF					
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - YES EVASIVE ACTION TAKEN - NO			US GEN.AV. RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONVERGENCE ANGLE-DEGREES - 90 ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN		
	REMARKS- SEADROME CLOSED DUE STATE OF FRZN SEALANE,FLT OPS AT PLTS OWN RISK,TWR ADVISORY ONLY.TKOF TO EAST.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3939	11/12/73	ANCHORAGE, ALAS	PIPER PA-19 N3872Z DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 1 0 OT- 0 1 2	MISCELLANEOUS HUNTING	COMMERCIAL, AGE 34, 1900 TOTAL HOURS, 275 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - LK HOOD SEADROME DEPARTURE POINT INTENDED DESTINATION ANCHORAGE, ALAS KENAI PENINSULA, ALAS TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT TAKEOFF: INITIAL CLIMB PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT FACTOR(S) PILOT IN COMMAND - INADEQUATE PREFLIGHT PREPARATION AND/OR PLANNING PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - YES CONVERGENCE ANGLE-DEGREES - 90 EVASIVE ACTION TAKEN - YES ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- RADIOS NOT WARMED UP, NO 2-WAY COMM WITH TWR, TKOF INTO CONTROL ZONE.						
3-3374	10/2/73	JOINER, ARK	CFSSNA 172H N181L DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 27, 3000 TOTAL HOURS, 280 IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION HAYTI, MO FORREST CITY, ARK TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT IN FLIGHT: NORMAL CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - WINDSHIELD, DIRTY, FOGGY, ETC. - RESTRICTED VISION SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- PLT CLAIMED LFT WNDSCREEN CORNR POST BLIND SPOT, PIECE OF R WING TIP IMBEDDED IN R WING OF OTR ACFT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3374	10/2/73 TIME - 1245	JOINER, ARK	CESSNA 150L N18155 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	INSTRUCTIONAL TRAINING	STUDENT, AGE 28, 200 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT MEMPHIS, TENN	INTENDED DESTINATION JONESBORO, ARK	PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE		
TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT						
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT						
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE EVASIVE ACTION TAKEN - NO REMARKS- PLT SAW THE OTHER ACFT TO HIS RIGHT COULD NOT REMEMBER TAKING EVASIVE ACTION. LNDD AT DEST OK.						
3-0183	1/7/73 TIME - 1127	HAYWARD, CALIF	CESSNA 150 N60997 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 0 0 3	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 166 TOTAL HOURS, 81 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - HAYWARD DEPARTURE POINT HAYWARD, CALIF	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING: FINAL APPROACH		
TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT						
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PILOT IN COMMAND - MISUNDERSTANDING OF ORDERS OR INSTRUCTIONS FACTOR(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT PERSONNEL - TRAFFIC CONTROL PERSONNEL: OTHER						
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - TOWER TRAFFIC ADVISORY ISSUED - BY LOCAL CONTROL CONTROL ZONE/AREA - YES ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- LACK OF VIGILANCE TOWER & OTHER PILOTS. PILOT ATTEMPTED LANDING WRONG RUNWAY.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0183	1/7/73 TIME - 1127	HAYWARD, CALIF	PIPER PA-28 N4160J DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 1 OT- 1 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 26, 525 TOTAL HOURS, ALL IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - HAYWARD DEPARTURE POINT INTENDED DESTINATION HAYWARD, CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT LANDING: FINAL APPROACH PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT FACTOR(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT DUAL STUDENT - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - TRAFFIC CONTROL PERSONNEL: OTHER MISCELLANEOUS ACTS, CONDITIONS - TOUCH AND GO LANDING SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - TOWER RADAR CTL/SURVEILLANCE - UNKNOWN/NOT REPORTED TRAFFIC ADVISORY ISSUED - BY LOCAL CONTROL CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT CONTROL ZONE/AREA - YES EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- LACK OF VIGILANCE CONTROL TOWER PERSONNEL, PILOT OF OTHER ACFT FAILED TO COMPLY WITH TWR DIRECTIONS						
3-0852	5/1/73 TIME - 1645	PACOIMA, CALIF	CESSNA 182 N974SR DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0 OT- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 49, 135 TOTAL HOURS, 50 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - WHITEMAN DEPARTURE POINT INTENDED DESTINATION VAN NUYS, CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT LANDING: FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVAILABLE TRAFFIC ADVISORY ISSUED - BY UNICOM CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- C-182 OVERTOOK AND HIT HORIZ STAR AND ELEV OF C-150. IP ON GRND CALLED C-182 ON UNICOM TO GO AROUND						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES			FLIGHT PURPOSE	PILOT DATA	
				F	S	M/N			
3-0852	5/1/73	PACOIMA,CALIF	CESSNA 150	CR-	0	0	1	NONCOMMERCIAL	PRIVATE, AGE 32, 327
	TIME - 1645		N50814	PX-	0	0	1	PRACTICE	TOTAL HOURS, 37 IN TYPE,
			DAMAGE-SUBSTANTIAL	OT-	0	0	1		NOT INSTRUMENT RATED.
	NAME OF AIRPORT - WHITEMAN								
	DEPARTURE POINT		INTENDED DESTINATION						
	PACOIMA,CALIF		LOCAL						
	TYPE OF ACCIDENT				PHASE OF OPERATION				
	COLLISION WITH AIRCRAFT: BOTH IN FLIGHT				LANDING: LEVEL OFF/TOUCHDOWN				
PROBABLE CAUSE(S)									
PERSONNEL - MISCELLANECUS-PERSONNEL: PILOT OF OTHER AIRCRAFT									
SPECIAL DATA									
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.									
CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVIALABLE									
TRAFFIC ADVISORY ISSUED - BY UNICOM CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT									
CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO									
ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN									
REMARKS- C-150 IN LDG FLARE. UNICOM NOT MONITORED AT TIME OF ACCDT. BOTH PLTS CALLED ENTERING PATTERN.									
3-1553	5/26/73	NR.REDDING,CALIF	GLASFLUGEL H301B	CR-	0	0	1	MISCELLANEOUS	PRIVATE, AGE 36, 295
	TIME - 1300		N194P	PX-	0	0	0	AIR SHOW/RACING	TOTAL HOURS, 145 IN TYPE,
			DAMAGE-SUBSTANTIAL	OT-	0	0	1		NOT INSTRUMENT RATED.
	DEPARTURE POINT		INTENDED DESTINATION						
	REDDING,CALIF		REDDING,CALIF						
	TYPE OF ACCIDENT				PHASE OF OPERATION				
	COLLISION WITH AIRCRAFT: BOTH IN FLIGHT				IN FLIGHT: CLIMB TO CRUISE				
PROBABLE CAUSE(S)									
PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT									
PERSONNEL - MISCELLANECUS-PERSONNEL: PILOT OF OTHER AIRCRAFT									
FACTOR(S)									
PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT									
SPECIAL DATA									
SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV.									
CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVIALABLE									
TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO									
EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - NOT INSTALLED									
REMARKS- N194P LND OK.N656Z HAD LONG CONVERSATION ON RADIO PRIOR TO ACCDT.MONITORED BY N194P.									

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1553	5/26/73	NR. REDDING, CALIF	BOLKOW A-1 N696Z DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	MISCELLANEOUS AIR SHOW/RACING	PRIVATE, AGF 46, 1076 TOTAL HOURS, 856 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT REDDING, CALIF	INTENDED DESTINATION REDDING, CALIF	PHASE OF OPERATION IN FLIGHT: CLIMB TO CRUISE		
TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT						
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT						
FACTOR(S) PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT						
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE EVASIVE ACTION TAKEN - NO REMARKS- SOARING CONTEST, ACFT WERE 2 OF 7, ALL CLIMBING IN SAME THERMAL, N696Z PLT PARACHUTED OK, ACFT CRASHED						
3-1560	7/7/73	SONOMA, CALIF	CHAMPION 7FCA N5127T DAMAGE-DESTROYED	CR- 0 1 0 PX- 2 0 0 OT- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGF 32, 180 TOTAL HOURS, 40 IN TYPE, NOT INSTRUMENT RATED.
		NAME OF AIRPORT - SONOMA SKY PARK	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING: TRAFFIC PATTERN-CIRCLING		
DEPARTURE POINT SONOMA, CALIF						
TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT						
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT						
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO REMARKS- CHAMPION CRASHED INTO RESIDENTIAL GARAGE, BEECH HAD CTC WITH UNICOM, NO CTC WITH CHAMPION.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1560	7/7/73	SONOMA, CALIF	BEECH V35 N3746Q DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1 OT- 2 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 55, 3000 TOTAL HOURS, ALL IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - SONOMA SKY PARK						
DEPARTURE POINT FRESNO, CALIF			INTENDED DESTINATION SONOMA, CALIF			
TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT			PHASE OF OPERATION LANDING: FINAL APPROACH			
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT						
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - UNICOM TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO REMARKS- UNCONTROLLED ARPT. BEECH ON FINAL STRUCK BY CHAMPION TURNING FROM SHORT BASE LEG. BEECH LND OK.						
3-2421	8/2/73	NR. CHESTER, CALIF	GRUMMAN TBM-3 N9083Z DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 0 0 1	COMMERCIAL FIRE CONTROL	COMMERCIAL, FL. INSTR. AGE 47, 3975 TOTAL HOURS, 450 IN TYPE. INSTRUMENT RATED.
DEPARTURE POINT CHESTER, CALIF			INTENDED DESTINATION LOCAL			
TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT			PHASE OF OPERATION IN FLIGHT: SWATH RUN			
PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT						
FACTOR(S) WEATHER - OBSTRUCTIONS TO VISION WEATHER BRIEFING - NO BRIEFING RECEIVED WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT						
SKY CONDITION SCATTERED			CEILING AT ACCIDENT SITE UNLIMITED			
VISIBILITY AT ACCIDENT SITE 1 MILE OR LESS			PRECIPITATION AT ACCIDENT SITE NONE			
OBSTRUCTIONS TO VISION AT ACCIDENT SITE SMOKF			TEMPERATURE-F 93			
WIND DIRECTION-DEGREES 180			WIND VELOCITY-KNOTS 5			
TYPE OF WEATHER CONDITIONS VFR			TYPE OF FLIGHT PLAN NONE			
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - LARGE US GEN. AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE EVASIVE ACTION TAKEN - NO REMARKS- 2ND TANKER IN 3 SHIP TRAIL FORMATION LED BY SPOTTER. DROP RUN BRIEF TRNSMT TO TANKERS PRIOR TO RUN.						

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2421	8/2/73	NR.CHESTER,CALIF	CFSSNA 310A	CR- 0 0 1	COMMERCIAL	COMMERCIAL, AGE 53,
	TIME - 1515		N135Z	PX- 0 0 0	PIPE CONTROL	1302R TOTAL HOURS, 350 IN
			DAMAGE-SUBSTANTIAL	OT- 1 0 0		TYPE, INSTRUMENT RATED.
	DEPARTURE POINT	INTENDED DESTINATION				
	REDDING,CALIF	LOCAL				
	TYPE OF ACCIDENT			PHASE OF OPERATION		
	COLLISION WITH AIRCRAFT: BOTH IN FLIGHT			IN FLIGHT: OTHER		
	PROPER CAUSE(S)					
	PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT					
	FACTOP(S)					
	PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC.					
	PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT					
	WEATHER - OBSTRUCTIONS TO VISION					
	WEATHER BRIEFING - NO BRIEFING RECEIVED					
	WEATHER FORECAST - FORECAST SUBSTANTIALLY CORRECT					
	SKY CONDITION			CEILING AT ACCIDENT SITE		
	SCATTERFD			UNLIMITED		
	VISIBILITY AT ACCIDENT SITE			PRECIPITATION AT ACCIDENT SITE		
	1 MILE OR LESS			NONE		
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE			TEMPERATURE-F		
	SMOKE			93		
	WIND DIRECTION-DEGREES			WIND VELOCITY-KNOTS		
	180			5		
	TYPE OF WEATHER CONDITIONS			TYPE OF FLIGHT PLAN		
	VFR			NONE		
	SPECIAL DATA					
	SFGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-LARGE			US GEN.AV.		
	CONTROLLING AGENCY - NO CONTROL			RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVIALABLE		
	TRAFFIC ADVISORY ISSUED - NONE			CONTROL ZONE/AREA - NO		
	EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED					
	REMARKS- SPOTTED FIRE ZONE FOR TANKERS. ENTERED STEEP CLIMBING TURN, DSCND IN TURN & STRUCK TBM ON DROP RUN.					

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2859	8/12/73 TIME - 1755	TORRANCE,CALIF	CESSNA 150L N17830 DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0 OT- 3 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 30, 145A TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
NAME OF AIRPORT - TORRANCE DEPARTURE POINT INTENDED DESTINATION TORRANCE,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT LANDING: GO-AROUND PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL: INADEQUATE SPACING OF AIRCRAFT MISCELLANEOUS ACTS,CONDITIONS - CONGESTED TRAFFIC-PATTERN SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - TOWER RADAR CTL/SURVEILLANCE - UNKNOWN/NOT REPORTED TRAFFIC ADVISORY ISSUED - BY LOCAL CONTROL CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT CONTROL ZONE/AREA - YES EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN FIRE AFTER IMPACT REMARKS- C-150 DIDNT MAINTAIN VISUAL CTC WITH C-172.TWR CLRD C-150 FOR GO ARND WITH INADEQUATE SEPARATION.						
3-2859	8/12/73 TIME - 1755	TORRANCE,CALIF	CESSNA 172M N20265 DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0 OT- 2 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, FL.INSTR., AGE 42, 2310 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
NAME OF AIRPORT - TORRANCE DEPARTURE POINT INTENDED DESTINATION TORRANCE,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT TAKEOFF: INITIAL CLIMB PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL: INADEQUATE SPACING OF AIRCRAFT MISCELLANEOUS ACTS,CONDITIONS - CONGESTED TRAFFIC-PATTERN SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - TOWER RADAR CTL/SURVEILLANCE - UNKNOWN/NOT REPORTED TRAFFIC ADVISORY ISSUED - BY LOCAL CONTROL CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT CONTROL ZONE/AREA - YES EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN FIRE AFTER IMPACT REMARKS- STRATUS CLOUD LAYER NEAR DEP END OF RWY.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3945	11/27/73 TIME - 0905	SAN DIEGO, CALIF	PIPER PA-28R N5087S DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 2 1 2	INSTRUCTIONAL TRAINING	STUDENT, AGE 22, 85 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT SAN DIEGO, CALIF	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT		PHASE OF OPERATION IN FLIGHT: OTHER		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT						
FACTOR(S) MISCELLANEOUS ACTS/CONDITIONS - SEPARATION IN FLIGHT						
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED						
REMARKS- INFLT DESCENDING, R WING CONTACTED L WING TIP TANK OF C310, OUTBD R WING PANEL & AILERON SEPARATED.						
3-3945	11/27/73 TIME - 0905	SAN DIEGO, CALIF	CESSNA 310C N1732H DAMAGE-DESTROYED	CR- 1 1 0 PX- 1 0 0 OT- 1 0 2	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 71, 9592 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.
		DEPARTURE POINT SAN DIEGO, CALIF	INTENDED DESTINATION SANTA ANA, CALIF			
		TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT		PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE		
PROBABLE CAUSE(S) DUAL STUDENT - FAILED TO SEE AND AVOID OTHER AIRCRAFT PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT						
EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. LATERAL CONTROL PROBLEM SUSPECTED OR KNOWN AIRCRAFT DAMAGE						
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE EVASIVE ACTION TAKEN - YES						
REMARKS- ATMTD EMERG LONG AT NAS MIRAMAR, CONTROL PROBLEM, HIT STATIC NAVY F4J BUNO 158351, MAINT TURN-UP.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3102	10/31/73	HARTFORD, CONN	CFSSNA 150 N6108G DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0 OT- 0 0 1	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 27, 738 TOTAL HOURS, 490 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BRAINARD DEPARTURE POINT INTENDED DESTINATION HARTFORD, CONN LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV.-SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVAILABLE TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - OPERATING REMARKS- C-150 IN LDG FLARE. OVEPRUN BY PA-28. C-150 WAS MONITORING BRADLEY APC. PA-28 CTCD UNICOM.						
3-3102	10/31/73	HARTFORD, CONN	PIPER PA-28 N2133T DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0 OT- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 29, 241 TOTAL HOURS, 224 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BRAINARD DEPARTURE POINT INTENDED DESTINATION WATERFORD, CONN HARTFORD, CONN TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV.-SMALL US GEN. AV. CONTROLLING AGENCY - UNICOM RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVAILABLE TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - YES ANTI-COLLISION LIGHTS - OPERATING REMARKS- L HORIZ STAB & ELEV OF C-150 DMGD. PROP OF PA-28 RCVD DMG. BOTH ACFT LND OK.						

BRRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-4092	9/13/73	WHEELING, ILL	CESSNA 150G N3076S DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 0 0 4	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 17, 96 TOTAL HOURS, 92 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - PAL-WAUKEE DEPARTURE POINT INTENDED DESTINATION WHEELING, ILL LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT LANDING: FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - TOWER CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT CONTROL ZONE/AREA - YES EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED REMARKS- C-150 IN CLOSED PATTERN RWY 6L, ARPT TRAFFIC AREA.						
3-4092	9/13/73	WHEELING, ILL	CESSNA 172H N2665L DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 3 OT- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 37, 400 TOTAL HOURS, 300 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - PAL-WAUKEE DEPARTURE POINT INTENDED DESTINATION WHEELING, ILL LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT LANDING: FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - TOWER CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT CONTROL ZONE/AREA - YES EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - OPERATING REMARKS- C-172 INSTD BY TWR TO FLY OVR ARPT AT 2000FT, CIRCLE LEFT FOR RWY 6L, MADE STRAIGHT-IN APCH.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0095	1/13/73 TIME - 1605	EDGEWATER,MD	PIPER PA-22 N9439D DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 2 OT- 0 1 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 27, 241 TOTAL HOURS, 115 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - LEE DEPARTURE POINT EDGEWATER,MD INTENDED DESTINATION LOCAL TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT PHASE OF OPERATION LANDING: GO-AROUND PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT FACTOR(S) MISCELLANEOUS ACTS,CONDITIONS - CONGESTED TRAFFIC-PATTERN SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - OTHER CONTROL ZONE/AREA - NO RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVIALABLE CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT EVASIVE ACTION TAKEN - YES ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN REMARKS- N9439D ON LONG FINAL.OBS SAW N5483Z TURN TO FINAL ABOVE N4939D,BOTH ACFT CONT APCH.UNCNTRLLED ARPT						
3-0095	1/13/73 TIME - 1605	EDGEWATER,MD	PIPER PA-22 N5483Z DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0 OT- 0 0 3	INSTRUCTIONAL TRAINING	STUDENT, AGE 34, 20 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - LEE DEPARTURE POINT EDGEWATER,MD INTENDED DESTINATION LOCAL TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT PHASE OF OPERATION LANDING: FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT FACTOR(S) PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC.EQUIPMENT MISCELLANEOUS ACTS,CONDITIONS - CONGESTED TRAFFIC-PATTERN SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - OTHER CONTROL ZONE/AREA - NO RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVIALABLE CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - NOT OPERATING REMARKS- OBS ON GRND WAVED HIS ARMS TO WARN PLTS.N9439D PULLED UP INTO N5483Z.ANTI-COLLISION LT NOT ON.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-1903	7/8/73	NR.PASADENA.MD	Cessna 172 N8101X	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGF 53, 46R TOTAL HOURS, 458 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MOUNTAIN ROAD DEPARTURE POINT INTENDED DESTINATION PASADENA.MD LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT TAKEOFF: INITIAL CLIMB PROBABLE CAUSE(S) PERSONNEL - MISCELLANECUS-PERSONNEL: PILOT OF OTHER AIRCRAFT FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVIALABLE TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO REMARKS- N8101X HAD JUST BECOME AIRBORNE WHEN STRUCK.PLT ABORTED.R WG HIT PROP OF PARKED ACFT,TYPE N/R.						
3-1903	7/8/73	NR.PASADENA.MD	LUSCOMBE 8E N1800K	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	STUDENT, AGE 48, 56 TOTAL HOURS. ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - MOUNTAIN ROAD DEPARTURE POINT INTENDED DESTINATION BALTIMORE.MD PASADENA.MD TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS: OTHER SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVIALABLE TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO REMARKS- N1800K LND ON N8101X. 1ST 300 FT OF RWY UPSLOPE TO TOP OF KNOLL.TALL TREES AT END RESTRICT VIEW.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0100	1/14/73 TIME - 1030	NASHUA,NH	PIPER PA-28 N595FL DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 33, 380 TOTAL HOURS, ALL IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - BOIRE DEPARTURE POINT NASHUA,NH INTENDED DESTINATION LOCAL TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - UNICOM RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVAILABLE TRAFFIC ADVISORY ISSUED - OTHER CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO HORIZONTAL COLLISION ANGLE-DEGREES - 0 EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN REMARKS- UNICOM WAS MONITORED,OTHER FLT ON GRND TRSMT WARNING.C-150 HAD NO RADIO.COLLIDED ON LDG FLARE.						
3-0100	1/14/73 TIME - 1030	NASHUA,NH	CESSNA 150 N4239U DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	INSTRUCTIONAL SOLO	STUDENT, AGE 33, 25 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BOIRE DEPARTURE POINT NASHUA,NH INTENDED DESTINATION LOCAL TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - UNICOM RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVAILABLE TRAFFIC ADVISORY ISSUED - OTHER CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO HORIZONTAL COLLISION ANGLE-DEGREES - 0 EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN REMARKS- ORS SAW PA-28 ON FINAL AND C-150 ON BASE.SAW C-150 TURN FINAL ON TOP OF PA-28,BOTH ACFT CONT APCH.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3221	11/6/73 TIME - 1229	DIX HILLS,NY	PIPER PA-23 N5569Y DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 2 0 0	COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, FL.INSTR., AGE 27, 2000 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT FARMINGDALE,NY	INTENDED DESTINATION NEW HAVEN,CONN			
		TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT		PHASE OF OPERATION IN FLIGHT: OTHER		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANECUS-PERSONNEL: PILOT OF OTHER AIRCRAFT						
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED REMARKS- COLLIDED 5 3/4 MI NE OF REPUBLIC ARPT. HAD DEP REPUBLIC FOR DEST 4 MIN BEFORE IMPACT.						
3-3221	11/6/73 TIME - 1229	DIX HILLS,NY	CESSNA 182P N21208 DAMAGE-DESTROYED	CR- 1 0 0 PX- 1 0 0 OT- 1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 53, 375 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT FARMINGDALE,NY	INTENDED DESTINATION LOCAL			
		TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT		PHASE OF OPERATION IN FLIGHT: OTHER		
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANECUS-PERSONNEL: PILOT OF OTHER AIRCRAFT						
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED REMARKS- DEP REPUBLIC ON LOCAL FLT 8 MIN BEFORE IMPACT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3714	12/15/73	AMITYVILLE,NY	STINSON 109-1 N2641 DAMAGE-DESTROYED	CR- 0 1 0 PX- 0 0 0 OT- 0 0 2	INSTRUCTIONAL SOLO	STUDENT, AGE 19, 40 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ZAHNS DEPARTURE POINT INTENDED DESTINATION AMITYVILLE,NY LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT LANDING: FINAL APPROACH PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - UNKNOWN/NOT REPORTED RADAR CTL/SURVEILLANCE - UNKNOWN/NOT REPORTED TRAFFIC ADVISORY ISSUED - OTHER CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - OPERATING REMARKS- PIPER OVERTOOK STINSON STRIKING TAIL AND CAUSING NOSE TO PITCH UP,BOTH ACFT ON FINAL APCH.						
3-3714	12/15/73	AMITYVILLE,NY	PIPER PA-28 N6771J DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0 OT- 0 1 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 30, 286 TOTAL HOURS, 180 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ZAHNS DEPARTURE POINT INTENDED DESTINATION AMITYVILLE,NY LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT LANDING: FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - UNKNOWN/NOT REPORTED RADAR CTL/SURVEILLANCE - UNKNOWN/NOT REPORTED TRAFFIC ADVISORY ISSUED - OTHER CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN REMARKS- HIT STINSON.LNDD ON RWY AFT COLLISION.ADVISED OF TRAFFIC BY PLT OF ANOTHER ACFT.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2444	8/17/73 TIME - 0830	SWAN QUARTER, NC	CESSNA 172 N3767L DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGF 37, 400 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION UNKNOWN/NOT REPORTED UNKNOWN/NOT REPORTED TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT IN FLIGHT: OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVIALABLE TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED REMARKS- CARBON MONOXIDE LEVEL OF C-172 PLT 14 PCT, SOURCE UNDETERMINED.						
3-2444	8/17/73 TIME - 0830	SWAN QUARTER, NC	CESSNA 188R N216R9 DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0 OT- 1 0 0	COMMERCIAL ASSOC CROP CTL ACTIVITY	COMMERCIAL, FL.INSTR., AGE 37, 2275 TOTAL HOURS, 300 IN TYPE, INSTRUMENT RATED.
DEPARTURE POINT INTENDED DESTINATION UNKNOWN/NOT REPORTED UNKNOWN/NOT REPORTED TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT IN FLIGHT: OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA KIND OF OPERATION - UNKNOWN/NOT REPORTED SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVIALABLE TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- ACFT COLLIDED NEAR HEAD ON, C-172 PREVIOUSLY FLEW ABOUT 1000FT TO R.C-188 FERRY, NO LOAD ABD.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3966	11/19/73 TIME - 1115	KINSTON, NC	BEECH T-34R N473RC DAMAGE-MINOR	CR- 0 0 1 PX- 0 0 0 OT- 2 0 0	MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, AGE 36, 1691 TOTAL HOURS, 102 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - STALLINGS FIELD DEPARTURE POINT INTENDED DESTINATION KINSTON, NC LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT IN FLIGHT: OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - IMPROPER OPERATION OF FLIGHT CONTROLS PILOT IN COMMAND - FAILED TO OBTAIN/MAINTAIN FLYING SPEED FACTOR(S) AIRFRAME - LANDING GEAR: SWITCHES, LEVERS, CRANKING MECHANISM, ETC. SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - UNICOM TRAFFIC ADVISORY ISSUED - OTHER CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO REMARKS- NOSE GR IND SWITCH MALFUNCTIONED. PLT TO MAINTAIN 70K AT 5000FT EXTND GR OTR ACFT WOULD INSPECT.						
3-3966	11/19/73 TIME - 1115	KINSTON, NC	BEECH T-34R N14514 DAMAGE-DESTROYED	CR- 2 0 0 PX- 0 0 0 OT- 0 0 1	MISCELLANEOUS OTHER PUBLIC	ATR, FLIGHT INSTR., AGF 39, 11340 TOTAL HOURS, 2500 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - STALLINGS FIELD DEPARTURE POINT INTENDED DESTINATION KINSTON, NC LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT IN FLIGHT: OTHER PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCISED POOR JUDGMENT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT FACTOR(S) AIRFRAME - FLIGHT CONTROL SURFACES: VERTICAL STABILIZER, ATTACHMENTS MISCELLANEOUS ACTS, CONDITIONS - SEPARATION IN FLIGHT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - UNICOM TRAFFIC ADVISORY ISSUED - OTHER CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO REMARKS- FLT UNDERNEATH N473RC TO VIS INSPECT LDG GR. VERT STAB AND ATTACHED RUDDER SEPARATED ENTRO SPIN.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3056	8/17/73 TIME - 1710	BATAVIA.OHIO	PIPER PA-28 N55524 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1 OT- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 24, 82 TOTAL HOURS, 28 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - CLERMONT COUNTY DEPARTURE POINT INTENDED DESTINATION CINCINNATI.OHIO LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT LANDING: TRAFFIC PATTERN-CIRCLING PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - UNICOM RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVAILABLE TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- N55524 TURNING FROM BASE LEG TO FINAL APCH. PLT RET TO HOME BASE & LND OK.						
3-3056	8/17/73 TIME - 1710	BATAVIA.OHIO	PIPER PA-28 N15897 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0 OT- 0 0 2	INSTRUCTIONAL DUAL	COMMERCIAL. FL.INSTR.. AGE 30, 2487 TOTAL HOURS, 1020 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - CLERMONT COUNTY DEPARTURE POINT INTENDED DESTINATION BATAVIA.OHIO LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT LANDING: FINAL APPROACH PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - UNICOM RADAR CTL/SURVEILLANCE - RADAR SERVICE NOT AVAILABLE TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- UNCONTROLLED ARPT. IP RECOVERED AFTER IMPACT & LND OK.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-2639	9/12/73 TIME - 1837	NEW CARISLE, OHIO	PIPER PA-28 N7792W DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	MISCELLANEOUS TEST	COMMERCIAL, AGE 42, 979 TOTAL HOURS, 347 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT NEW CARISLE, OHIO	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE		
TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT						
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT						
FACTOR(S) MISCELLANEOUS ACTS, CONDITIONS - SUNGLARE						
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - UNKNOWN/NOT REPORTED EVASIVE ACTION TAKEN - NO						
RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONVERGENCE ANGLE-DEGREES - 30 ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN						
3-2639	9/12/73 TIME - 1837	NEW CARLISLE, OHIO	CFSSNA 172 N20042 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	COMMERCIAL, AGE 45, 341 TOTAL HOURS, 118 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT DAYTON, OHIO	INTENDED DESTINATION MARION, OHIO	PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE		
TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT						
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT						
FACTOR(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.						
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV. - SMALL US GEN. AV. CONTROLLING AGENCY - APPROACH CTL-DEPARTURE TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - UNKNOWN/NOT REPORTED EVASIVE ACTION TAKEN - NO						
RADAR CTL/SURVEILLANCE - UNDER RADAR CONTACT CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONVERGENCE ANGLE-DEGREES - 30 ANTI-COLLISION LIGHTS - OPERATING						
REMARKS- CFSSNA AT EVEN ALT ON 040 HEADING. BOTH ACFT LANDED WITHOUT FURTHER DMG.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3645	7/27/73 TIME - 1005	YUKON,OKLA	BOEING 727 N127 DAMAGE-SUBSTANTIAL	CR- 0 0 4 PX- 0 0 0 OT- 3 0 0	INSTRUCTIONAL TRAINING	ATR,FLIGHT INSTR., AGE 50, 10255 TOTAL HOURS, 950 IN TYPE, INSTRUMENT RATED.
		DEPARTURE POINT OKLAHOMA CITY,OKLA	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT: DESCENDING		
TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT						
PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT						
FACTOR(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. PERSONNEL - TRAFFIC CONTROL PERSONNEL: OTHER						
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-LARGE US GEN.AV. CONTROLLING AGENCY - APPROACH CONTROL-LANDING RADAR CTL/SURVEILLANCE - UNDER RADAR CONTACT TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT HORIZONTAL COLLISION ANGLE-DEGREES - 71 EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - OPERATING						
REMARKS- FAR 91.67 APPLIES.						
3-3645	7/27/73 TIME - 1005	YUKON,OKLA	CESNA 172K N7R297 DAMAGE-DESTROYED	CR- 1 0 0 PX- 2 0 0 OT- 0 0 4	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 19, 71 TOTAL HOURS, 4 IN TYPE, NOT INSTRUMENT RATED.
		DEPARTURE POINT OKLAHOMA CITY,OKLA	INTENDED DESTINATION LOCAL	PHASE OF OPERATION IN FLIGHT: NORMAL CRUISE		
TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT						
PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT						
FACTOR(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES,DIRECTIVES,ETC. PERSONNEL - TRAFFIC CONTROL PERSONNEL: OTHER						
SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-LARGE US GEN.AV. CONTROLLING AGENCY - NO CONTROL RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT HORIZONTAL COLLISION ANGLE-DEGREES - 71 EVASIVE ACTION TAKEN - UNKNOWN/NOT REPORTED						
REMARKS- FAR 91.67 APPLIES.FLT CK INDICATED HOLES IN ATC RADAR SYSTEM.VSBY RESTRICTED BY HI WING.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3486	11/20/73 TIME - 1625	WEBSTER, PA	CESSNA 150K N6075G DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 1 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 25, 39 TOTAL HOURS, ALI. IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - ROSTRAVER DEPARTURE POINT INTENDED DESTINATION WEBSTER, PA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT LANDING: TRAFFIC PATTERN-CIRCLING PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HELIP. SUSPECTED OR KNOWN AIRCRAFT DAMAGE SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV.-SMALL US GEN. AV. RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - OPERATING REMARKS- UNCONTROLLED ARPT. C150 ON L BASE. BELL 206 CROSSING ARPT. M/R BLADES SEPRD L & NSE GR. LNDD ON GRASS						
3-3486	11/20/73 TIME - 1625	WEBSTER, PA	BELL 206A N461NC DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 0 0 1	NONCOMMERCIAL CORP/EXEC	COMMERCIAL, AGE 29, 2493 TOTAL HOURS, 150 IN TYPE, INSTRUMENT RATED.
NAME OF AIRPORT - ROSTRAVER DEPARTURE POINT INTENDED DESTINATION CONNELLSVILLE, PA W. MIFFLIN, PA TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT: BOTH IN FLIGHT IN FLIGHT: NORMAL CRUISE PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN. AV.-SMALL US GEN. AV. CONTROLLING AGENCY - UNKNOWN/NOT REPORTED RADAR CTL/SURVEILLANCE - UNKNOWN/NOT REPORTED TRAFFIC ADVISORY ISSUED - UNKNOWN/NOT REPORTED CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- M/R BLADES SEPRD AFT HITTING CESSNA.						

BRIEFS OF ACCIDENTS

FILE	DATE	LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-0129	2/3/73 TIME - 1100	BEAUMONT, TEX	CESSNA 150L N18741 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 1 OT- 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGF 53, 104 TOTAL HOURS, 90 IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BEAUMONT MUNI DEPARTURE POINT INTENDED DESTINATION BEAUMONT, TEX LOCAL TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL: PILOT OF OTHER AIRCRAFT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - UNICOM TRAFFIC ADVISORY ISSUED - BY UNICOM CONTROL ZONE/AREA - NO VERTICAL COLLISION ANGLE-DEGREES - 2 ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- N18741 MONITORED UNICOM, FLEW STANDARD PATTERN. UNICOM WARNING JUST BFOR COLLISION.						
3-0129	2/3/73 TIME - 1100	BEAUMONT, TEX	CESSNA 150L N12680 DAMAGE-SUBSTANTIAL	CR- 0 0 1 PX- 0 0 0 OT- 0 0 2	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGF 48, 49 TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
NAME OF AIRPORT - BEAUMONT MUNI DEPARTURE POINT INTENDED DESTINATION BEAUMONT, TEX LOCAL TYPE OF ACCIDENT COLLISION WITH AIRCRAFT: BOTH IN FLIGHT PHASE OF OPERATION LANDING: LEVEL OFF/TOUCHDOWN PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV.-SMALL US GEN.AV. CONTROLLING AGENCY - UNICOM TRAFFIC ADVISORY ISSUED - BY UNICOM CONTROL ZONE/AREA - NO VERTICAL COLLISION ANGLE-DEGREES - 2 ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- N12680 DEVIATED FROM STANDARD PATTERN, WASNT MONITORING UNICOM. COLLIDED DURING LOG FLARE.						

EMBRY-RIDDLE AERO U. DAYTONA BEACH



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