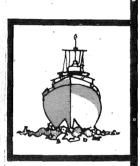
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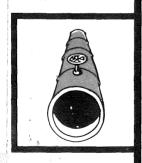


WASHINGTON, D.C. 20594



BRIEFS OF ACCIDENTS INVOLVING MIDAIR COLLISIONS

U. S. GENERAL AVIATION 1974



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15. Supplementary Notes

16.Abstract

This publication contains reports of U.S. general aviation midair collision accidents occurring in 1974. Included are 34 accident files, 19 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, alreaft 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 1974, the entire U.S. General Aviation fleet flew 32,474,600 hours and was involved in 34 midair collisions, 19 of which were fatal. This resulted in total and fatal midair collision accident rates of 0.1 and 0.06 per 100,000 hours flown, respectively. In comparison, there were 4,423 total accidents and 729 fatal U.S. General Aviation accidents, resulting in total and fatal accident rates per 100,000 hours flown of 13.6 and 2.24, 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 ATR FLIGHT INSTR. AIR SHOW/RACING AIR TAXI-CARGO AIR TAXI-PASSG APPROACH CTL-DEPARTURE APR CTL-TOW ENRT CTL SRV ASSOC CROP CTL ACTIVITIES ASSOC FIRE CTL ACTIVITIES
COMMERCIAL, FLIGHT. INSTR.
CORP /E XEC
CR-
CTR CARGO-D
CTR CARGO-I CTR PASSG-D
CTR PASSG-I
LAST ENROUTE STOP
MAPPING/PHOTO
MIL CONTRACT CARGO INTL
MIL CONTRACT PASS6 INTL
MILITARY CTR CARGO DOM
MILITARY CTR PASSG DOM
MIL/CTR CARGO
MIL/CTR PASSG
NR.
NS CTR CARGO
NS CTR PASSG
NS/CTR REVENUE CARGO DOM
NS/CTR REVENUE CARGO INTL
NS/CTR REVENUE PASSG DOM NS/CTR REVENUE PASSG INTL
07-
PARAJUMP
PRIVATE, FL. INST R.
PX- RADAR CTL/SURVEILLANCE
SCHED CARGO SRV
SCHED DOM CARGO SRV
SCHED DOM PASSG SRV
SCHED INTERNATI CARGO SRV
SCHED INTERNATL CARGO SRV SCHED INTERNATL PASSG SRV
SCHED PASSG SRV
S-D
S- I

UNK/NR

AERIAL ADVERTISING AIRLINE TRANSPORT INSTRUCTOR AIR SHOW/AIR RACING AIR TAXI-CARGO OPERATIONS AIR TAXI-PASSENGER OPERATIONS APPROACH CONTROL-DEPARTURE APPROACH CONTROL-TOWER EN ROUTE CONTROL SERVICE ASSOCIATED CROP CONTROL ACTIVITIES ASSOCIATED FIRE CONTROL ACTIVITIES COMMERCIAL FLIGHT INSTRUCTOR CORPORATION/EXECUTIVE CREW CONTRACT/ CHARTER-CARGO-DOMESTIC CONTRACT/ CHARTER-CARGO-INTERNATIONAL CONTRACT/CHARTER-PASS ENGER-DOMESTIC CONTRACT/CHARTER-PASS ENGER-INTERNATIONAL LAST PLANNED EN ROUTE LANDING POINT AERIAL MAPPING/PHOTOGRAPHY MILITARY CONTRACT-CARGO-INTERNATIONAL MILITARY CONTRACT-PASSENGER-INTERNATIONAL MILITARY CONTRACT-CARGO-DOMESTIC MILITARY CONTRACT-PASSENGER-DOMESTIC MILITARY CONTRACT-CARGO MILITARY CONTRACT-PASSENGER NONSCHEDULED/CHARTER REVENUE CARGO-INTRA-STATE NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE NONSCHEDULED/CHARTER REVENUE CARGO-DOMESTIC NONS CHEDULED/ CHARTER REVENUE CARGO- INTERNATIONAL NONSCHEDULED/CHARTER REVENUE PASSENGER-DOMESTIC NONSCHEDULED/CHARTER REVENUE PASSENGER-INTERNATL OTHER AIRCRAFT AND GROUND PARACHUTE JUMP PRIVATE FLIGHT INSTRUCTOR **PASSENGERS** RADAR CONTROL/SURVEILLANCE SCHEDULED CARGO SERVICE SCHEDULED DOMESTIC CARGO SERVICE SCHEDULED DOMESTIC PASSENGER SERVICE SCHEDULED INTERNATIONAL CARGO SERVICE SCHEDULED INTERNATIONAL PASSENGER SERVICE SCHEDULED PASSENGER SERVICE SCHEDULED-DOMESTIC SCHEDULED-INTERNATIONAL UNKNOWN/NOT REPORTED

INJURIES, ACCIDENTS MIDAIR COLLISIONS U. S. GENERAL AVIATION

1974

INJURIES

	FATAL	SERIOUS	MINOR	NONE	UNKNOWN		TOTAL
PILOT	27	7	5	29			68
COPILOT	2			2			4
DUAL STUDENT CHECK PILOT	4			8			12
FLIGHT ENGINEER NAVIGATOR		1					1
CABIN ATTENDANT		1					1
EXTRA CREW	2			2			4
PASSENGERS	13	1	1	20			35
TOTAL	48	9	6	61		ABOARD	124
OTHER AIRCRAFT OTHER GROUND							
RAND TOTAL	48	9	6	61			124

INVOLVES 34 TOTAL ACCIDENTS INVOLVES 19 FATAL ACCIDENTS

KIND OF FLYING BY PILOT CERTIFICATE

PILOT	CERT	IFIC.	ATE

					PILC	T CERTIFIC	CATE			
								Instr.		
					.>	4	1518.V	4. 14. 2/4B		
			. Zz.	ų.	FACIL	relev.	ERCIA.	rring.		
<u>K1</u>	ND OF FLYING	stud	ENT PRIVA	COMP	, Ala	PRIVAT COMM	N. ATRI	Chiese Tork Third his held to	RECORDS	ACCIDENTS
	INSTRUCTIONAL									
	DUAL			1		10	1		12	10
	SOLO	1	1						2	2
	CHECK									
	TRAINING	1							1	1
	NONCOMMERCIAL									
	PLEASURE	2	18	3		1			24	19
	PRACTICE	1	3						4	4
	BUSINESS		1	2	1				4	4
	CORPORATE/EXECUTIVE			1					1	1
	AERIAL SURVEY									
	COMPANY FLIGHT									
	OTHER									
	COMMERCIAL									
	AERIAL APPLICATION			2		2			4	2
	CROP CONTROL RELATED FLIGHT			1					1	1
	FIRE CONTROL									
	FIRE CONTROL RELATED FLIGHT									
	AERIAL MAPPING/PHOTOGRAPHY									
	AERIAL ADVERTISING									
	POWER AND PIPELINE PATROL					1			1	1
	FISH SPOTTING									
	AIR TAXI-PASSENGER OPERATIONS			1	1				2	2
	AIR TAXI-CARGO OPERATIONS						1		1	1
	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									

PAGE V

CHARTER-PASSG-INTERNATIONAL

KIND OF FLYING BY PILOT CERTIFICATE PILOT CERTIFICATE

KIND OF FLYING OTHER UNKNOWN/NOT REPORTED MISCELLANEOUS EXPERIMENTATION	şruʻ	DEM'S PRIV	alt on the	net Clai	PRIVATE COMP	AFR AFR	there.	HAN ARPORTO	RECORDS	ACCIDENTS
TEST										
DEMONSTRATION										
FERRY			1	1					2	2
SEARCH AND RESCUE										
AIR SHOW/AIR RACING			2						2	1
PARACHUTE JUMP					1				1	1
PARACHUTE JUMP-AIR SHOW										
TOWING GLIDERS			1						1	1
SEEDING CLOUDS										
HUNTING										
POLICE PATROL			1		2				3	3
HIGHWAY TRAFFIC ADVISORY										
ALL OTHER PUBLIC FLYING			1				1		2	2
OTHER										
UNKNOWN/NOT REPORTED										
RECORDS	5	23	17	3	17	2	1		68	
ACCIDENTS	4	20	14	3	15	2	1			34

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE

destroyed substantial Rose

FIRST

TYPE OF ACCIDENT

RECORDS ACCIDENTS

STATIC						
STARTING ENGINE/S						
IDLING ENGINE/S						
ENGINE RUNUP						
IDLING ROTORS						
PARKED-ENGINES NOT OPERATING						•
OTHER						
IXAT						
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						
TAKEOFF						
RUN						
INITIAL CLIMB	1				1	1
VERTICAL						
RUNNING (ROTORCRAFT/VTOL-STOL						
ABORTED (FIXED-WING)						
ABORTED (ROTORCRAFT/VTOL)						
ABORTED (ROTORCRAFT/STOL)						
OTHER						
INFLIGHT						
CLIMB TD CRUISE	2	1			3	3
NORMAL CRUISE	9	8	1		18	13
DESCENDING		1			1	1
HOLDING (IFR)						
HOVERING						
POWER-ON DESCENT (ROTORCRAFT)						
AUTOROTATIVE DESCENT						
ACROBATICS						

FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

AIRCRAFT DAMAGE

	74114		BAMAGE			
FIRST TYPE OF ACCIDENT	DESTRI	SUBST	MINO NONE		RECORDS	ACCIDENTS
BUZZING						
UNCONTROLLED DESCENT						
EMERGENCY DESCENT						
LOW PASS	1				1	1
OTHER	8	5	2		15	10
EN ROUTE TO TREAT CROP						
EN ROUTE TO RELOADING AREA						
SURVEY FIELD/AREA						
STARTING SWATH RUN	1				1	1
SWATH RUN	1	1			2	1
FLAREOUT FOR SWATH RUN						
PULLUP FROM SWATH RUN	1				1	1
PROCEDURE TURNAROUND						
CLEANUP SWATH						
MANEUVER TO AVOID OBSTRUCTION						
RETURN TO STRIP						
LANDING						
TRAFFIC PATTERN-CIRCLING	2	3			5	4
FINAL APPROACH (VFR)	7	6	2		15	9
INITIAL APPROACH	2				2	2
FINAL APPROACH (IFR)						
LEVEL OFF/TOUCHDOWN		1			1	1
ROLL (FIXED WING)						
ROLL-ON/RUN-ON (ROTORCRAFT)						
POWER-ON LANDING (ROTORCRAFT)						
POWER-OFF AUTOROTATIVE LDG						
GO-AROUND (VFR)		2			2	1
MISSED APPROACH (IFR)						
OTHER						
UNKNOWN/NOT REPORTED						
RECORDS	35	28	5		68	
ACCIDENTS	23	19	5			34

FIRST PHASE OF OPERATION BY INJURY INDEX

INJURY INDEX

FRIE SERIOUS NEW ROME FIRST OPERATIONAL PHASE RECORDS ACCIDENTS STATIC STARTING ENGINE/S IDLING ENGINE/S ENGINE RUNUP IDLING ROTORS PARKED-ENGINES NOT OPERATING OTHER IXAT 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 TAKEOFF RUN INITIAL CLIMB VERTICAL RUNNING (ROTORCRAFT/VTOL-STOL ABORTED (FIXED-WING) ABORTED (ROTORCRAFT/VTOL) ABORTED (ROTORCRAFT/STOL) OTHER INFLIGHT CLIMB TO CRUISE NORMAL CRUISE 18 13 DESCENDING 1 HOLDING (IFR) HOVERING POWER-ON DESCENT (ROTORCRAFT)

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AUTOROTATIVE DESCENT

ACROBATICS BUZZING

FIRST PHASE OF OPERATION BY INJURY INDEX

INJURY INDEX

FIRST OPERATIONAL PHASE	<i>t</i> ata,	SERIC	WIN	40HE	RECO	RDS .	ACCIDENTS
UNCONTROLLED DESCENT							
EMERGENCY DESCENT							
LOW PASS	1					1	1
OTHER	12			3		15	10
EN ROUTE TO TREAT CROP							
EN ROUTE TO RELOADING AREA							
SURVEY FIELD/AREA							
STARTING SWATH RUN	1					1	1
SWATH RUN	2					2	1
FLAREOUT FOR SWATH RUN							
PULLUP FROM SWATH RUN	1					1	1
PROCEDURE TURNAROUND							
CLEANUP SWATH							
MANEUVER TO AVOID OBSTRUCTION							
RETURN TO STRIP							
LANDING							
TRAFFIC PATTERN-CIRCLING	4			1		5	4
FINAL APPROACH (VFR)	3	4	4	4		15	9
INITIAL APPROACH	2					2	2
FINAL APPROACH (IFR)							
LEVEL OFF/TOUCHDOWN				1		1	1
ROLL (FIXED WING)							
ROLL-ON/RUN-ON (ROTORCRAFT)							
POWER-ON LANDING (ROTORCRAFT)							
POWER-OFF AUTOROTATIVE LDG							
GO-AROUND (VFR)		2				2	1
MISSED APPROACH (IFR)							
OTHER							
UNKNOWN/NOT REPORTED							
· · · · · · · · · · · · · · · · · · ·							
RECORDS	38	6	6	18		68	
ACCIDENTS	19	3	3	9			34

CAUSE/FACTOR TABLE

MIDAIR COLLISIONS U. S. GENERAL AVIATION ACCIDENTS

1975

INVOLVES 34 TOTAL ACCIDENTS
INVOLVES 19 FATAL ACCIDENTS

PAGE

	FAT	AL ACCID	ENTS		TAL ACCI	DENTS	ALL ACCIDENTS			
BROAD CAUSE/FACTOR	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	
PILOT	18 100•00	5 26.32	18 100.00	16 100.00	6 37 •50	16 100.00	34 100.00	11 31,43	34 100.00	
PERSONNEL	18 94.74	3 15.79	18 94.74	16 100.00	2	16 100.00	34 97.14	5	34 97.14	
AIRFRAME	•00	• 0 0	•00	•00	•00	•00	• 0.0	•00	.00	
LANDING GEAR	•00	•00	•00	•00	•00	•00	•00	•00	•00	
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 6.25	1 6.25	•00	1 2.86	1 2.86	
WEATHER	.00	1 5 - 24	1 5-26	•00	.00	•00	•00		1 2,86	
TERRAIN	•00	1 5•26	1 5.26	•00	.00	•00	.00	1 2.86	1 2.86	
MISCELLANEOUS	•00	1 5.26	5.26	•00	•00	•00	.00	1 2.86	1 2.86	
UNDETERMINED	•00	•00	•00	•00	•00	.00	• 00	•00	.00	

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

MIDAIR CDLLISIONS U. S. GENERAL AVIATION ACCIDENTS

1974

INVOLVES 34 TOTAL ACCIDENTS INVOLVES 19 FATAL ACCIDENTS

		TAL ACCIO			TAL ACCI		ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT FAILED TO SEE AND AVOID OTHER AIRCRAFT FAILED TO USE OR INCORRECTLY USED MISC EQUIPMENT FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC IMPROPER IN-FLIGHT DECISIONS OR PLANNING INADEQUATE SUPERVISION OF FLIGHT EXERCISED POOR JUDGMENT OPERATED CARELESSLY SPONTANDEDUS-IMPROPER ACTION MISJUDGED CLEARANCE	2 1 29 1 1 1 1	1 1 2	2 29 1 3 1	2 29 2	4 1 2	2 4 29 1 4 2	4 1 58 3 1 2 3 1 1 1	5 2 4	4 6 58 2 7 1 2 3 2 1
PHYSICAL IMPAIRMENT DIRECT ENTRIES	1	1	1 1				1	1	1 1
SUBTOTAL	41	5	46	35	8	43	76	13	89
DUAL STUDENT FAILED TO SEE OTHER AIRCRAFT				1		1	1		1
SUBTOTAL				1		1	1		1
** PERSONNEL **									
FLIGHT INSTRUCTOR MAINTENANCE, SERVICING, INSPECTION OPERATIONAL SUPERVISORY PERSONNEL WEATHER PERSONNEL TRAFFIC CONTROL PERSONNEL FAILURE TO ADVISE OF OTHER TRAFFIC INADEQUATE SPACING OF AIRCRAFT OTHER AIRPORT SUPERVISORY PERSONNEL OTHER AIRMAYS FACILITIES PERSONNEL PRODUCTION—DESIGN—PERSONNEL	2	1 2 2	1 4 2	2	2	2 2 2	4	1 2 4	1 6 4 2
MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT	31		31	30		30	61		61
THIRD PILOT FLIGHT ENGINEER FLIGHT PERSONNEL DISPATCHING (AIR CARRIER ONLY) DISPATCHING			•						
SUBTOTAL	33	5	38	32	4	36	65	9	74
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES AIRPORT CONDITIONS OTHER AIRWAYS FACILITIES					2	2		2	2
SUBTOTAL					2	2		2	2
** WEATHER **									
RAIN		2	2					2	2
SUBTOTAL		2	2					2	2

CAUSE/FACTOR TABLE

TERRAIN (CONTINUED)	FA1	AL ACCID	ENTS	NONFA	TAL ACCI	DENTS	AL	L ACCIDE	NTS
	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** TERRAIN **									
OTHER		2	2					2	2
SUBTOTAL		2	2					2	2
** MISCELLANEOUS **									
EVASIVE MANEUVER TO AVOID COLLISION		1	1					1	1
SUBTOTAL		1	1					1	1
GRAND TOTAL	74	15	89	68	14	82	142	29	171
** MISCELLANEOUS ACTS, CONDITIONS **									
DISREGARD OF GOOD OPERATING PRACTICE POORLY PLANNED APPROACH SEPARATION IN FLIGHT CONGESTED TRAFFIC-PATTERN PILOT FATIGUE SUNGLARE TOUCH AND GO LANDING	2	1 2 2 1 1 1	3 2 2 1 1 1		5 1 1 2 2	5 1 1 2 2	2	6 1 3 2 1 3 3	8 1 3 2 1 3 3

DIRECT ENTRY CAUSES

PILOT-MISIDENTIFIED N40MP AS REFUELING TANKER

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

LISTING OF ACCIDENTS INVOLVING MIDAIR COLLISIONS U.S. GENERAL AVIATION 1974 (IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAF REGIST。		LOCATION	AIRCRA MAKE 	FT MODEL	INJURY INDEX
3 0104	N20331	011774	SAN RAMON, CALIF	CESSNA	172M	FATAL
3 0104	N3898Q	011774	SAN RAMON, CALIF	CESSNA	172L	FATAL
3 0108	N3484P	012774	ELSINORE, CALIF	PIPER	PA-18	FATAL
3 0108	N7498E	012774	ELSINORE, CALIF	CESSNA	210	FATAL
3 0428	N5641J	030874	CLEWISTON, FLA	CESSNA	188A	MINOR
3 0428	N9369X	030874	CLEWISTON, FLA	CESSNA	182	MINOR
3 0453	N5458	030674	BUCKEYE, TEX	GRUMMAN	G-164A	FATAL
3 0453	N5470	030674	BUCKEYE, TEX	GRUMMAN	G-164A	FATAL
3 0540	N18563	022374	TYLER,TEX	CESSNA	150	FATAL
3 0540	N4275T	022374	TYLER, TEX	PIPER	PA-28	FATAL
3 0636	N22061	021674	BOISE CITY,OKLA	CESSNA	150	FATAL
3 0636	N8975F	021674	BOISE CITY, OKLA	HUGHES	269C	FATAL
3 1185	N2219T	050874	LAFITTE , LA	CESSNA	185	NONE
3 1185	N42805	050874	LAFITTE,LA	CESSNA	180H	NONE
3 1288	N4MB	052074	TEWKSBURY, MASS	PIPER	PA-28R	FATAL
3 1288	N6028L	052074	TEWKSBURY, MASS	AMER AVCO	AA-5	FATAL
3 1291	N1762N	061874	MANITO,ILL	CESSNA	120	MINOR
3 1291	N56809	061874	MANITO,ILL	PIPER	PA-28	MINCH
3 1401	N135K	041474	NOVATO,CALIF	BEECH	D95A	FATAL
3 1401	N4263T	041474	NOVATO, CALIF	PIPER	PA-28	FATAL
3 1409	N2748S	041074	STONE MOUNTAIN, GA	CESSNA	150G	SERIOUS
3 1409	N5826U	041074	STONE MOUNTAIN, GA	PIPER	PA-28	SERIOUS
3 1928	N3616B	062774	DETROIT,MICH	ВЕЕСН	D18S	FATAL
3 1928	N59399	062774	DETROIT, MICH	BELL	47G-5A	FATAL
3 2272	N23RM	062874	DENVER,COLO	DEHAVILLAND	DHC-6	NONE
3 2272	N8105R	062874	DENVER, COLO	веесн	V35B	NONE

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LISTING OF ACCIDENTS INVOLVING MIDAIR COLLISIONS U.S. GENERAL AVIATION 1974 (IN FILE ORDER SEQUENCE)

	FILE JMBER	AIRCRAF REGIST.	T DATE ———	LOCATION	AIRCRAF MAKE 	MODEL	INJURY INDEX
3	2279	N5472Q	072074	ALTO LOMA, TEX	CESSNA	150L	NONE
3	2279	N6311G	072074	ALTA LOMA,TEX	CESSNA	15 OK	NONE
3	2394	N2825K	070774	COMPTON, CALIF	LUSCOMBE	8E	NONE
3	2394	N6019G	070774	COMPTON, CALIF	CESSNA	15 OK	NONE
3	2421	N15774	062174	DENVER, COLO	PIPER	PA-34	FATAL
3	2421	N9727R	062174	DENVER,COLO	BEECH	M35	FATAL
3	2456	N5620L	062174	SEATTLE, WASH	CESSNA	150K	FATAL
3	2456	N9790	062174	SEATTLE, WASH	BELL	OH-13G	FATAL
3	2526	N24412	080374	NAPA, CALIF	SEMCO	Т	NONE
3	2526	N65244	080374	NAPA,CALIF	SEMCO	Ŧ	NONE
3	2545	N43100	072574	TOMS RIVER, NJ	PIPER	PA-28R	FATAL
3	2545	N7221N	072574	TOMS RIVER, NJ	CESSNA	182	FATAL
3	2754	N1445Q	082474	VANCOUVER, WASH	CESSNA	150	SERIOUS
3	2754	N8647S	082474	VANCOUVER, WASH	CESSNA	150	SERIOUS
3	2761	N1297	082574	MARION, OHIO	BRIEGLEB	BG-12	MINOR
3	2761	N3818A	082574	MARION, OHIO	SCHWEIZER	1-26B	MINOR
3	2766	N8282N	062374	HAMPSHIRE, ILL	PIPER	PA-28	SERIOUS
3	2766	N9174P	062374	HAMPSHIRE, ILL	PIPER	PA-24	SERIOUS
~3	2979	N6876P	101174	NSAXIS, VA	PIPER	PA-24	FATAL
3	2979	USNG0044	4101174	NSAXIS, VA	CONVAIR	F106A	FATAL
3	3011	N55374	072074	NGREENVILLE MISS	BOEING	A75N1	FATAL
3	3011	N59759	072074	NGREENVILLE, MISS	BOEING	A75N1	FATAL
3	3464	N40762	090874	ALLENTOWN, PA	PIPER	PA-28	FATAL
3	3464	N40976	090874	ALLENTOWN, PA	PIPER	PA-28	FATAL
3	3530	N1523C	111574	SEDALIA, COLO	CESSNA	180	FATAL
3	3530	N1926K	111574	SEDALIA, COLO	LUSCOMBE	8 E	FATAL

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LISTING OF ACCIDENTS INVOLVING MIDAIR COLLISIONS U.S. GENERAL AVIATION 1974 (IN FILE ORDER SEQUENCE)

FILE NUMBER	AIRCRAF REGIST.	T DATE 	LOCATION	AIRCRA MAKE 	FT MODEL	INJURY INDEX
3 3754	N7081J	110474	RIVERSIDE, CALIF	BELL	47G-5	NONE
3 3754	N9452A	110474	RIVERSIDE, CALIF	CESSNA	140A	NONE
3 3759	N3679R	110274	GRAND PRAIRIE, TEX	PIPER	PA-28	NONE
3 3759	N7352E	110274	GRAND PRAIRIE, TEX	CESSNA	210	NONE
3 3834	N100MV	112174	DALLAS,TEX	BELLANCA	17-30A	NONE
3 3834	N3041V	112174	DALLAS, TEX	BEECH	35	NONE
3 3915	N2853K	112374	POLKTON, NC	LUSCOMBE	8 A	FATAL
3 3915	N5251Z	112374	POLKTON, NC	PIPER	PA-22	FATAL
3 4107	N40MP	111274	NKINGSTON,UT	ROCKWELL	690A	FATAL
3 4107	USAF055	111274	NKINGSTON, UT	GEN DYNAMIC	F-111A	FATAL
3 4194	N20271	092674	INDIANHEAD, MD	CESSNA	172M	NONE
3 4194	N44192	092674	INDIANHEAD, MD	PIPER	PA-28	NONE
3 4270	N20184	120374	S.LUIS OBSP, CALIF	CESSNA	172	FATAL
3 4270	N9256P	120374	S.LUIS OBSP.CALIF	PIPER	PA-24	FATAL
3 4279	N11383	112974	MT VERNON, WASH	CESSNA	150L	FATAL
3 4279	N3863W	112974	MT VERNON, WASH	PIPER	PA-32	FATAL

NATIONAL TRANSPORTATION SAFETY BOARD

WASHINGTON. D. C. 20594

BRIEFS OF ACCIDENTS

INVOLVING

MID-AIR COLLISIONS

1974

(IN STATE AND DATE ORDER)

FILE	DATE	LOCATION	AIRCRAFT DATA		JUR F			FLIGHT PURPOSE	PILUT DATA
3-0104	1/17/74 TIME - 14	SAN RAMON,CALIF 45	CESSNA 172L N3898Q DAMAGE-SUBSTANTIAL	CR- PX- OT-	0	0		INSTRUCTIONAL DUAL	ATR,FLIGHT INSTR., AGE 28, 5167 TOTAL HOURS, 1073 IN TYPE, INSTRUMENT RATED.
	TYPE OF A	D, CALIF	INTENDED DESTINATION LOCAL BOTH IN FLIGHT		Р		_	F OPERATION IGHT OTHER	
		N COMMAND - FAILED	TO SEE AND AVOID OTHER -PERSONNEL PILOT OF OT				Т		
	CONTROL TRAFFIC EVASIVE	S OF AVIATION INVO LING AGENCY - NO (ADVISORY ISSUED - ACTION TAKEN - NO	· NONE		R C A	ADA ONT NJI	R C ROL -CC	TL/SURVEILLANCE - U ZONE/AREA - NO LLISION LIGHTS - IN	UNKNOWN/N(IT REPÜRTED ISTALLED,OPERATION UNKNOWN N.

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	IUR	IES S M	/N		PILO7 DATA		
3-0104	1/17/74 TIME - 14	SAN RAMON, CALIF 45	CESSNA 172M N20331 DAMAGE-DESTROYED	CR- PX- NT-	2 0 0	0 0	0 0 2	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 26, 554 TOTAL HOURS, 72 IN TYPE, INSTRUMENT RATED.		
	DEPARTURE SAN RAMI TYPE OF AG	POINT ON.CALIF CCIDENT	INTENDED DESTINATION		P	HAS	E O	F OPERATION			
	PROBABLE PILOT II PERSONNI FACTOR(S)	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									
	CONTROLI TRAFFIC EVASIVE	S OF AVIATION INVO ING AGENCY - NO O ADVISORY ISSUED - ACTION TAKEN - YE	DLVED - SMALL US GEN.AV. CONTROL - NONE ES N SRT TO LEFT,N20331 IN		R C A	ADA ONT NII	R C ROL —CC	TL/SURVEILLANCE - UNKNI ZONE/AREA - NO LLISION LIGHTS - INSTA	OWN/NOT REPORTED LLED,OPERATION UNKNOWN		
3-0108	1/27/74 TIME - 13	ELSINORE,CALIF	CESSNA 210 N7498E DAMAGE-DESTROYED	CR- PX- OT-	1 1 1	0	0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRA	COMMERCIAL, AGE 52, 1152 NSP TOTAL HOURS, 254 IN TYPE INSTRUMENT RATED.		
	DEPARTURE CHINO, TYPE OF A	IRPORT - SKYLARK PÜINT CALIF CCIDENT DN WITH AIRCRAFT	INTENDED DESTINATION UNKNOWN/NOT REPORTER)	Р	HAS	ΕC	F OPERATION IGHT NORMAL CRUISE			
	PERSONN FACTOR(S)	N COMMAND - FAILER	O TO SEE AND AVOID OTHER S-PERSONNEL PILOT OF OT CAL IMPAIRMENT				Т				
	CONTROL TRAFFIC CONTROL ANTI-CO	S OF AVIATION INVO LING AGENCY - NO ADVISORY ISSUED - ZONE/AREA - NO LLISION LIGHTS - :			R C	A DA ON T	R (ROL	.TL/SURVEILLANCE - RADA	R SERVICE NOT AVIALABLE RT - UNCONTROLLED AIRPORT		

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ	JRII	S	FLIGHT	PILOT DATA				
3-0108	1/27/74 TIME - 13	ELSINORE,CALIF	PIPER PA-18 N3484P DAMAGE-DESTROYED	CR- PX- OT-	1 (0 0	MISCELLANEOUS TOWING GLIDERS	COMMERCIAL, AGE 21, 280 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.				
	DEPARTURE ELSINOR TYPE OF A	CCIDENT	INTENDED DESTINATION LOCAL BOTH IN FLIGHT				OF OPERATION LIGHT CLIMB TO CRUISE	NATED.				
		N COMMAND - FAILED	TO SEE AND AVOID OTHER S-PERSONNEL PILOT OF OT									
	SEGMENT CONTROL TRAFFIC CONTROL ANTI-CO	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- UNCONTROLLED ARPT. PLT OF GLIDER TOWED BY N3484P RELEASED & LND OK. HIGH DENSITY RECREATION AREA.										
3-1401	DEPARTURE CONCOR TYPE OF A	POINT D,CALIF CCIDENT		OT-	3 (PH) O	NONCOMMERCIAL PLEASURE/PERSONAL TRA OF OPERATION LIGHT OTHER	PRIVATE, AGE 67, 3817 ANSP TOTAL HOURS, 603 IN TYPE, INSTRUMENT RATED.				
	FACTOR(S)	N COMMAND - FAILED	TO SEE AND AVOID OTHER			RCR	AFT					
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE EVASIVE ACTION TAKEN - YES REMARKS- UTILIZING AUTOPLT, CHECKING OUT NAV EQUIP.COMPLETING TURN, OVERTOOK PA-28, N4263T.LNDD SAFELY.											

FILE	DATE	LOCATION	AIRCRAFT DATA	ΙN	JUR F	IES S M	/N	FLIGHT PURPOSE	PILOT DATA
3-1401	4/14/74 TIME - 132 DEPARTURE	NOVATO,CALIF 20 POINT	PIPER PA-28 N4263T DAMAGE-DESTROYED INTENDED DESTINATION	CR- PX-	1 2	0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSP	PRIVATE, AGE 26, 131 TOTAL HOURS, 33 IN TYPE, NOT INSTRUMENT RATED.
	NOVATO, C TYPE OF AC COLLISIO	CIDENT	LOCAL BOTH IN FLIGHT					F OPERATION IGHT OTHER	
	PROBABLE O		S-PERSONNEL PILOT OF OT	THER A	IRC	RAF	Т		
	CONTROLL TRAFFIC EVASIVE	S OF AVIATION INV ING AGENCY - NO ADVISORY ISSUED ACTION TAKEN - N	- NONE O		R ⊢ ∆	ADA IDR I N T I	R C ZON -CO	AV. TL/SURVEILLANCE - NOT UND TAL COLLISION ANGLE-DEGRE LITSION LIGHTS - INSTALLE BY IMPACT.CRASHED INTO TRI	ES - 0 OOPERATION UNKNOWN
3-2394	7/7/74 TIME - 131		CESSNA 150K N6019G DAMAGE-MINDR	CR- PX-	0	0	1 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 32, 102 TOTAL HOURS, 98 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE COMPTON, TYPE OF AC	CALIF CCIDENT		01	F) HAS	E O	F OPERATION NG FINAL APPROACH	NOT THE NOTE OF THE PARTY OF TH
	PERSONNE FACTOR(S) MISCELLA	N COMMAND - FAILE EL - MISCELLANEOU ANEOUS ACTS,CONDI	ED TO SEE AND AVOID OTHE S-PERSONNEL PILOT OF O' TIONS - DISREGARD OF GOO RVISORY PERSONNEL OTHE	THER A	IRC	RAF		ACTICE	
	SPECIAL DA SEGMENTS CONTROLI TRAFFIC CONTROL ANTI-COL	ATA S OF AVIATION INV LING AGENCY — NO ADVISORY ISSUED ZONE/AREA — NO	OLVED - SMALL US GEN.AV CONTROL - OTHER INSTALLED, OPERATION UNKI	•−SMAL	F	RADA ON T	R C ROL	AV. TL/SURVEILLANCE — UNKNOWN LED/UNCONTROLLED AIRPORT ACTION TAKEN — YES	

			AIRCRAFT DATA	F	S	M/N	PURPOSE	PILOT DATA			
	7/7/74 COMP TIME - 1315		LUSCOMBE 8E N2825K DAMAGE-SUBSTANTIAL	CR- C) (0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 36, 2754 TOTAL HOURS, 305 IN TYPE, INSTRUMENT RATED.			
	NAME OF AIRPORT - COMPTON DEPARTURE POINT INTENDED DESTINATION COMPTON,CALIF LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT LANDING FINAL APPROACH										
	PILOT IN COMM PERSONNEL — M FACTOR(S) MISCELLANEOUS	- FAILED TO S AND - INADEQU ISCELLANEOUS- ACTS, CONDITI	EE AND AVOID OTHER AIR JATE SUPERVISION OF FLI PERSONNEL PILOT OF OT ONS — DISREGARD OF GOO VISORY PERSONNEL OTHER	GHT HER AIR D OPERA			RACTICE				
	PERSONNEL - AIRPORT SUPERVISORY PERSONNEL OTHER SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - OTHER CONTROL ZONE/AREA - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- LONG STRAIGHT-IN APCH.CESSNA, N6019G, USING SHRTR LH PATTERN, HIT L HOR STAB.UNICOM AVAIL, NOT MANNED.										
3-2526	8/3/74 NAPA TIME - 1100		SEMCD T N65244 DAMAGE-SUBSTANTIAL				MISCELLANEOUS AIR SHOW/RACING	TYPE, NOT INSTRUMENT			
	NAPA, CALIF TYPE OF ACCIDEN	ΙΤ	INTENDED DESTINATION LOCAL BOTH IN FLIGHT				OF OPERATION LIGHT OTHER	RATED.			
	PILOT IN COMP	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.AVSMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE EVASIVE ACTION TAKEN - NO REMARKS- MASS BALLOON ASCENSION AT FAIRGROUNDS.										

			BRIEFS							
FILE	DATE	LOCATION	AIRCRAFT DATA	ΙN	JUR F	IES S M	/ N	FLIGHT PURPOSE	PILOT DATA	
1-2526	8/3/74 TIME - 110 DEPARTURE NAPA, CAI TYPE OF AG	NAPA,CALIF DO POINT LIF	INTENDED DESTINATION LOCAL	CR- PX- OT-	0 0 0	0 0 0	1 1 2		COMMERCIAL, AGE 40, 5395 TOTAL HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.	
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT EMERGENCY CIRCUMSTANCES - FORCED LANDING OFF AIRPORT ON LAND									
	CONTROLI TRAFFIC EVASIVE				R	ADA	R C		NR SERVICE NOT AVIALABLE	
	11/4/74 TIME - 120	RIVERSIDE,CALIF 07	CESSNA 140A N9452A DAMAGE-SUBSTANTIAL	CR- PX- OT-	0 0 0	0 0 0	2 0 2	COMMERCIAL POWER/PIPELINE	1650 IN TYPE, INSTRUMENT	
	DEPARTURE HAWTHON TYPE OF AG	IRPORT - RIVERSIDE POINT RNE•CALIF CCIDENT ON WITH AIRCRAFT	INTENDED DESTINATION RETURN		Ρ	C HAS	LAR E O	ROUTE STOP EMONT,CALIF F OPERATION IGHT NORMAL CRUISE	RATED.	
	PERSONN' FACTOR(S) PILOT II	N COMMAND — FAILED EL — MISCELLANEOUS N COMMAND — DIVERT	TO SEE AND AVOID OTHER -PERSONNEL PILOT OF OT ED ATTENTION FROM OPERA TO FOLLOW APPROVED PRO	HER A	IRC OF	RAF	CR A			
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - TOWER TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - YES ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN									

			BKIE! 3	OI ACC	101,4	, 5		
FILE	DATE	LOCATION	AIRCRAFT DATA				FLIGHT PURPOSE	PILOT DATA
3-3754	TIME - 12		BELL 47G-5 N7O81J DAMAGE-SUBSTANTIAL	PX- C	0	0 F		COMMERCIAL, FL.INSTR., AGE 52, 11438 TOTAL HOURS, 5039 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE	IDE, CALIF	INTENDED DESTINATION LOCAL		PHAS	E OF	OPERATION	
	COLLISI	ION WITH AIRCRAFT B	OTH IN FLIGHT		ΙN	FL I	GHT OTHER	
	PERSONN	N COMMAND - FAILED NEL - MISCELLANEOUS-	TO SEE AND AVOID OTHER PERSONNEL PILOT OF OT			т		
	FACTOR(S) PILOT]		D ATTENTION FROM OPERA	TION OF	AIR	CRAF	г	
	SPECIAL O		VED - SMALL US GEN.AV.	-SMALL	US G	EN.A\	/ •	
	CONTROL TRAFFIC CONTROL	LLING AGENCY - NO CO C ADVISORY ISSUED - L ZONE/AREA - YES	NTROL NONE		R A D A CON T	R CTI ROLLE	./SURVEILLANCE - RA	DAR SERVICE NOT AVIALABLE PORT - CONTROLLED AIRPORT
			STALLED, OPERATION UNKN ROL. HELI CIRCLING AT L		WORK	ING W	ITH POLICE GRND UN	ITS.BOTH ACFT LND OK.

FILE		LOCATION		F	S	M/N	PURPOSE	PILOT DATA					
3-4270		S.LUIS OBSP, CALIF		CR- 1	L)	0 0	NONCOMMERCIAL	AIRLINE TRANSPORT, AGE 37, 4000 TOTAL HOURS, 2 IN TYPE, INSTRUMENT RATED.					
	NAME OF	AIRPORT - SAN LUIS OB		· .				1110 1110 1110 1111 1111 1111					
		E POINT I											
	SALINA	AS, CALIF	S.LUIS OBSP, CALIF										
	TYPE OF A	ACCIDENT			РΗ	ASE C	OF OPERATION						
	COLLISION WITH AIRCF PROBABLE CAUSE(S)	ION WITH AIRCRAFT BO	TH IN FLIGHT			LANDI	NG INITIAL APPROAC	н					
		CAUSE(S)											
		IN COMMAND - FAILED T NEL - MISCELLANEOUS-PI											
	FACTOR (S	FACTOR(S) WEATHER - RAIN											
			HEATHER DUREAU REDC	ONNEL		חוסאונ	=						
		BRIEFING — BRIEFED BY FORECAST - FORECAST S) T	PHUNI	-						
	SKY COND		CE	ILING	AT ACCIDENT SITE								
	OVERCA	ST				2500							
	VISIBILI	TY AT ACCIDENT SITE			PR	ECIPI	TATION AT ACCIDENT	SITE					
	5 OR 0'	VER				RAIN							
	OBSTRUCT:	IONS TO VISION AT ACC	IDENT SITE			MPER4 58	TURE-F						
		ECTION-DEGREES					LOCITY-KNOTS						
	180	contain beauteo			30								
		WEATHER CONDITIONS				PE OF VFR	FLIGHT PLAN						
	SPECIAL	ΠΔΤΔ											
		TS OF AVIATION INVOLV	ED - SMALL US GEN.AV	SMALL	US	GEN.	. A V •						
	CONTRO						CTL/SURVEILLANCE - N	NOT UNDER RADAR CONTACT					
	-	TRAFFIC ADVISORY ISSUED - NONE					CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT						
	CONTRO	CONTROL ZONE/AREA - YES					SENCE ANGLE-DEGREES	- 90					
	HORIZO		E۷	ASIVE	ACTION TAKEN - NO								
	ANTI-C	OLLISION LIGHTS - OPE	RATING										

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			BICIE			0,,,						
FILE		LOCATION			F			FLIGHT PURPOSE		PILOT DATA		
	12/3/74 TIME - 14	S.LUIS OBSP, CALIF	CESSNA 172 N20184 DAMAGE-DESTROYED	CR- PX-	1 2	0	0	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 31, 164 TOTAL HOURS, 54 IN TYPE, NOT INSTRUMENT RATED.		
	DEPARTURE	POINT IN	NTENDED DESTINATION									
	SANTA MARIA,CALIF NAPA,CALIF TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH IN FLIGHT							PHASE OF OPERATION IN FLIGHT NORMAL CRUISE				
	PERSONN FACTOR (SI WEATHER WEATHER E	IN COMMAND - FAILED TO NEL - MISCELLANEOUS-PE	HER A	IRC	RAF							
		SKY CONDITION					CEILING AT ACCIDENT SITE					
	OVERCAST VISIBILITY AT ACCIDENT SITE 5 OR OVER				2500 PRECIPITATION AT ACCIDENT SITE RAIN							
	OBSTRUCTIONS TO VISION AT ACCIDENT SITE NONE					TEMPERATURE-F 58						
		ECTION-DEGREES			WIND VELOCITY-KNOTS 30							
	180 TYPE OF WEATHER CONDITIONS VFR							TYPE OF FLIGHT PLAN VFR				
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AV: CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - YES HORIZONTAL COLLISION ANGLE-DEGREES - 90 ANTI-COLLISION LIGHTS - OPERATING						R C ROL ERG	7L/SURVEILLANCE -	IRPORT - - 90	ER RADAR CONTACT - UNCONTROLLED AIRPORT		

FILE	DATE	LOCATION	AIRCRAFT DATA	ΙN	JUR I	ES		FLIGHT	PILOT DATA	
	6/21/74 DENVER, COLO BEECH M35 CR- 1 0 0 NONCOMMERCIAL PRIVATE, AGE 46, 6 TIME - 0837 N9727R PX- 3 0 0 PLEASURE/PERSONAL TRANSP TOTAL HOURS, 250 I DAMAGE-DESTROYED OT- 0 0 2 NOT INSTRUMENT RAT DEPARTURE POINT INTENDED DESTINATION WILLIAMS, ARIZ BOULDER, COLO 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.AVSMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN FIRE AFTER IMPACT REMARKS- NORTHBD.L WING PANEL SEVERED BY IMPACT WITH L PROP OF N15774.RADAR EQUIP FAILED TO DETECT N9727R.									
3-2421		DENVER,COLO 37	PIPER PA-34 N15774 DAMAGE-DESTROYED	PX-	0	0 0	E	NS TRUCTIONAL UAL	COMMERCIAL, FL.INSTR., AGE 27, 4462 TOTAL HOURS, IN TYPE, INSTRUMENT RATED.	
	DENVER.	COLO CCIDENT	INTENDED DESTINATION LOCAL BOTH IN FLIGHT					OPERATION INITIAL APPROACH	RAILU.	
	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.AVSMALL US GEN.AV. CONTROLLING AGENCY - APPROACH CONTROL-LANDING RADAR CTL/SURVEILLANCE - UNDER RADAR CONTACT TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT CONTROL ZONE/AREA - NO ANTI-COLLISION LIGHTS - INSTALLED,OPERATION UNKNOWN REMARKS- PRACTICE ILS BC RWY 8R APCH.PLT AT CTLS UNDER INST HOOD.CTLD BY DENVER TRACON.1 MILE OUTSIDE TCA.									

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FILE	DATE LOCA	TION AIRCRAFT DATA	INJURIES · F S M/N	FLIGHT PURPOSE	PILOT DATA						
3-2272	6/20/74 DENVER,CI TIME - 1306 NAME OF AIRPORT - S	DLO BEECH V358 N8105R DAMAGE-SUBSTANTIA FAPLETON INTL	CR- 0 0 1 PX- 0 0 0 L OT- 0 0 12	NONCOMMERCIAL BUSINESS	CUMMERCIAL, AGE 40, 242 TOTAL HOURS, 86 IN TYPE, NOT INSTRUMENT RATED.						
	TYPE UP ACCIDENT	INTENDED DESTINATION DENVER,COLO RCRAFT BOTH IN FLIGHT	PHASE	F OPERATION NG TRAFFIC PATTERN-	-CIRCLING						
	PROBABLE CAUSE(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL INADEQUATE SPACING OF AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL OTHER										
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - LOCAL CONTROL TRAFFIC ADVISORY ISSUED - BY LOCAL CONTROL CONTROLLED/UNCONTROLLED AIRPORT - CONTROLLED AIRPORT CONVERGENCE ANGLE-DEGREES - 53 HORIZONTAL COLLISION ANGLE-DEGREES - 45 ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- CLRD DNWND, #3 TO LND BEHIND OTTER. TURNED BASE, ADVISED TRAFFIC IN SIGHT. COLLISION TURNING TO FINAL.										
3-2272	6/28/74 DENVER,C	DLO DEHAVILLAND DHC-6 N23RM DAMAGE-SUBSTANTIA	CR- 0 0 2 PX- 0 0 10 L OT- 0 0 1	COMMERCIAL AIR TAXI-PASSG S-D	AIRLINE TRANSPORT, AGE 30, 4565 TOTAL HOURS, 1393 IN TYPE, INSTRUMENT RATED.						
	STEAMBOAT SPGS,C TYPE OF ACCIDENT	TAPLETON INTL INTENDED DESTINATION DLO DENVER,COLO RCRAFT BOTH IN FLIGHT	PHASE C LANDI	F OPERATION NG FINAL APPROACH	NATED.						
	PROBABLE CAUSE(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL INADEQUATE SPACING OF AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT PILOT IN COMMAND - INADEQUATE SUPERVISION OF FLIGHT PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL OTHER										
	CONTROLLING AGENC TRAFFIC ADVISORY CONTROL ZONE/AREA HORIZONTAL COLLIS ANTI-COLLISION LI	ION INVOLVED - SMALL US GEN.A' Y - LOCAL CONTROL ISSUED - NONE - YES ION ANGLE-DEGREES - 82 GINSTALLED, OPERATION UN N RWY 81, CLRD #2 TO LNO.ATC P	RADAR (CONTROL CONVERO EVASIVE KNOWN	TL/SURVEILLANCE - UI LED/UNCONTROLLED AIR SENCE ANGLE-DEGREES : ACTION TAKEN - YES	RPORT - CONTROLLED AIRPORT - 53 -						

FILE	DATE	LOCATION	AIRCRAFT DATA	IN	JUR F	IES S M	/N	FLIGHT PURPOSE	PILOT DATA		
3-3530	11/15/74 TIME - 1632	SEDALIA, COLO	LUSCOMBE 8E N1926K DAMAGE-DESTROYED	CR- PX-	1 0 1	0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRAN	COMMERCIAL, AGE 29, 1100 SP TOTAL HOURS, 83 IN TYPE, INSTRUMENT RATED.		
	NAME OF AIR DEPARTURE P AURORA,C TYPE OF ACC	PORT - LITTLETON DINT OLO	INTENDED DESTINATION SEDALIA, COLO	ΕO	F OPERATION NG FINAL APPROACH						
	PILOT IN	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.AVSMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO ANTI-COLLISION LIGHTS - NOT INSTALLED REMARKS- UNCONTROLLED ARPT, UNICOM NOT AVAIL.										
3-3530		SEDALIA,COLO	CESSNA 180 N1523C DAMAGE-DESTROYED	PX-	0	0	0	PARAJUMP (SPORT)	COMMERCIAL, FL.INSTR., AGE 32, 1405 TOTAL HOURS, 443 IN TYPE, NOT INSTRU-		
	DEPARTURE P SEDALIA,C TYPE OF ACC	OLO IDENT	INTENDED DESTINATION LOCAL BOTH IN FLIGHT					F OPERATION NG FINAL APPROACH	MENT RATED.		
	PROBABLE CAUSE(S) PILOT IN COMMAND — FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL — MISCELLANEOUS—PERSONNEL PILOT OF OTHER AIRCRAFT MISCELLANEOUS ACTS,CONDITIONS — DISREGARD OF GOOD OPERATING PRACTICE										
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO ANTI-COLLISION LIGHTS - NOT INSTALLED REMARKS- N1523C OVERRAN N1926K.ENTERED FINAL FROM BASE BETWEEN 2 ACFT.										

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIE F S	ES M/N	FLIGHT PURPOSE	PILOT DATA					
		CESSNA 188A	CR- 0 C	0 1 0 0	COMMERCIAL ASSOC CROP CTL ACTIVIT	COMMERCIAL, AGE 55, Y 13600 TOTAL HOURS, 600 IN TYPE, NOT INSTRUMENT RATED.					
	NAME OF AIRPORT - CLEWIST DEPARTURE POINT CLEWISTON,FLA TYPE OF ACCIDENT COLLISION WITH AIRCRAFT	INTENDED DESTINATION LOCAL		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) MISCELLANEOUS ACTS.CONDITIONS - DISREGARD OF GOOD OPERATING PRACTICE										
			TYF CO(KIND OF OPERATION - FERTILIZING (DUST) TYPE OF CHEMICAL USED - DRY CHEMICAL-NONTOXIC COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT							
	CONTROLLING AGENCY - NO TRAFFIC ADVISORY ISSUED CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN -	VOLVED - SMALL US GEN.AV CONTROL - NONE NO FRAFFIC PATTERN.HIT CESS	RAC COM HOR AN	LUS GEN.AV. RADAR CTL/SURVEILLANCE - NOT UNDER RADAR CONTACT CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED AIRPORT HORIZONTAL COLLISION ANGLE-DEGREES - 5 ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN 1, N9369X, AT ABOUT 10FT AGL.NO RADIO.							
3-0428	3/8/74 CLEWISTON, FLA TIME - 1510 NAME OF AIRPORT - CLEWIST	DAMAGE-SUBSTANTIAL	CR- 0 0 PX- 0 0	0 1 0 0 0 1	NONCOMMERCIAL PLEASURE/PERSONAL TRAN	PRIVATE, AGE 42, 1090 SP TOTAL HOURS, 253 IN TYPE, NOT INSTRUMENT RATED.					
	DEPARTURE POINT INTENDED DESTINATION CLEWISTON, FLA 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 IN CONTROLLING AGENCY - UN TRAFFIC ADVISORY ISSUED CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - REMARKS- STRAIGHT-IN FINA	- NONE	RAI CON HOR	DAR C NTROL RIZON	TL/SURVEILLANCE - NOT U	T - UNCONTROLLED AIRPORT REES - 5					

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ	URI	ES	FLIGHT PURPOSE	PILOT DATA		
3-1409	4/10/74 STO TIME - 1720	ONE MOUNTAIN, GA	CESSNA 150G N2748S	CR- PX-	0	1 0 1 0	NONCOMMERCIAL PRACTICE	PRIVATE, AGE 27, 156 TOTAL HOURS, 80 IN TYPE, NOT INSTRUMENT RATED.		
	NAME OF AIRPORT - STONE MOUNTAIN DEPARTURE POINT INTENDED DESTINATION STONE MOUNTAIN, GA LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT LANDING FINAL APPROACH									
		MAND - FAILED TO	D SEE AND AVOID OTHER ERSONNEL PILOT OF OT							
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO HORIZONTAL COLLISION ANGLE-DEGREES - 5 EVASIVE ACTION TAKEN - NO REMARKS- CESSNA OBSVD LONG LOW STRAIGHT-IN POWER-ON APCH-PIPER OBSVD IN THE PATTERN TO DSCND FM THE L.									
3-1409	4/10/74 STO TIME - 1720	ONE MOUNTAIN, GA	PIPER PA-28 N5826U DAMAGE-MINOR	CR- PX- OT-	0	0 1 0 2 2 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, AGE 50, 8500 TOTAL HOURS, 155 IN TYPE, NOT INSTRUMENT RATED.		
	NAME OF AIRPOR DEPARTURE POIN WEST PALM F TYPE OF ACCIDI COLLISION WI	RT - STONE MOUNT, NT I BEACH,FLA ENT [TH AIRCRAFT BO								
	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									
								ATING		

						PILOT DATA							
3-1291	6/18/74 M TIME - 1837	ANITO,ILL	PIPER PA-28 N56809 DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0 OT- 0 0 2	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 32, 2063 TOTAL HOURS, 1400 IN TYPE, INSTRUMENT RATED.							
	NAME OF AIRP DEPARTURE PO MANITO,ILL TYPE OF ACCI	ORT - WADDELL INT DENT	INTENDED DESTINATION LOCAL	PHASE OF OPERATION LANDING FINAL APPROACH									
	PILOT IN C PERSONNEL FACTOR(S) PILOT IN C	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 - TOUCH AND GO LANDING											
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO HORIZONTAL COLLISION ANGLE-DEGREES - O EVASIVE ACTION TAKEN - NO REMARKS- RADIO VOL TURNED DWN.DID NOT HEAR CALLS ON UNICOM.												
3-1291	6/18/74 M TIME - 1837	ANITO, ILL	CESSNA 120 N1762N DAMAGE-DESTROYED	CR- 0 0 1 PX- 0 0 1	. NONCUMMERCIAL . PLEASURE/PERSONAL TRA	PRIVATE, AGE 23, 74 TOTAL ANSP HOURS, 19 IN TYPE, NOT INSTRUMENT RATED.							
	DEPARTURE PO MANITO, ILL TYPE OF ACCI	DENT		PHASE	OF OPERATION DING FINAL APPROACH	INSTRUMENT NATES.							
	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 - TOUCH AND GO LANDING												
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO HORIZONTAL COLLISION ANGLE-DEGREES - O EVASIVE ACTION TAKEN - NO REMARKS- RPTD BASE & FINAL APCH ON UNICOM.HI WING,PIPER OVERHEAD.												

			BRIEFS	UF A	CCI	DEN	15						
FILE	DATE		AIRCRAFT DATA		F	S M	/ N	PURPOSÉ	PILOT DATA				
		HAMPSHIRE, ILL		CR- PX-	0	1 0	0	NONCOMMERCIAL	COMMERCIAL, FL.INSTR., P AGE 33, 1062 TOTAL HOURS 379 IN TYPE, INSTRUMENT RATED.				
	DEPARTURE AURORA, TYPE OF AC	ILL	INTENDED DESTINATION HAMPSHIRE FILL					F OPERATION NG GO-AROUND					
	PILOT IN PERSONNE FACTOR(S)	PROBABLE CAUSE(S) PILOT IN COMMAND — FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL — MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES — AIRPORT CONDITIONS OTHER											
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO HORIZONTAL COLLISION ANGLE-DEGREES - O EVASIVE ACTION TAKEN - NO REMARKS- BOTH ACFT ON FINAL, WAVED OFF BY PERS ON GND.NO COMM FACILITIES OR SEGMENTED CIRCLE ON ARPT.												
3-2766	6/23/74 TIME - 091	HAMPSHIRE,ILL 5	PIPER PA-28 N8282N DAMAGE-SUBSTANTIAL	PX-	0	0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRANS	PRIVATE, AGE 34, 103 P TOTAL HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.				
	DEPARTURE GRAYSLA TYPE OF AC		INTENDED DESTINATION HAMPSHIRE, ILL		Р			F OPERATION NG GO-AROUND					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT FACTOR(S) AIRPORTS/AIRWAYS/FACILITIES - AIRPORT CONDITIONS OTHER												
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - NO HORIZONTAL COLLISION ANGLE-DEGREES - O EVASIVE ACTION TAKEN - NO REMARKS- 99 S FLY-IN.INVITED GUEST, NOT FAMILIAR WITH LCL TRESSORIAN AVIATION INVITED GUEST, NOT FAMILIAR WITH LCL SEN.AV. RADAR CIL/SURVEILLANCE - NOT UNDER RADAR CONTACT CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED A CONVERGENCE ANGLE-DEGREES - O VERTICAL COLLISION ANGLE-DEGREES - 90 ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN AND APCHRWY 9.N9174P, RH APCH-												

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N		PILOT DATA						
3-1185	5/8/74 LAFITTE,LA TIME - 1245	CESSNA 185 N2219T DAMAGE-MINOR INTENDED DESTINATION SATURDAY ISLAND	OT- 0 0 2 PHASE 0	NONCOMMERCIAL CORP/EXEC F OPERATION IGHT NORMAL CRUISE	COMMERCIAL, AGE 49, 10631 TOTAL HOURS, 5800 IN TYPE, INSTRUMENT RATED.						
	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 CONTROLLING AGENCY - TRAFFIC ADVISORY ISSU EVASIVE ACTION TAKEN REMARKS- FLOAT EOPD.	ED - NONE	RADAR C HORIZON	AV. TL/SURVEILLANCE - NOT TAL COLLISION ANGLE-D ULLISION LIGHTS - OPER	EGREES - 90						
3-1185	5/8/74 LAFITTE,LA TIME - 1245	·CESSNA 180H N42805 DAMAGE-SUBSTANTIAL		COMMERCIAL AIR TAXI-PASSG	COMMERCIAL, AGE 36, 15500 TOTAL HOURS, 15000 IN TYPE, INSTRUMENT RATED.						
	DEPARTURE POINT HOUMA,LA TYPE OF ACCIDENT COLLISION WITH AIRCRA	INTENDED DESTINATION LOCAL FT BOTH IN FLIGHT		F OPERATION .IGHT NORMAL CRUISE	KA IEU.						
		ILED TO SEE AND AVOID OTHE EOUS-PERSONNEL PILOT OF O									
	SPECIAL DATA SEGMENTS OF AVIATION CONTROLLING AGENCY - TRAFFIC ADVISORY ISSU EVASIVE ACTION TAKEN REMARKS- FLOAT EOPD.	ED - NONE	RADAR O HORIZON	AV. TL/SURVEILLANCE - NOT TAL COLLISION ANGLE-D ULLISION LIGHTS - OPER	EGREES - 90						

FILE	DATE LOCATI	ION AIRCRAFT DATA	INJURI F S	ES M/N	FLIGHT PURPOSE	PILOT DATA				
3-4194	0 /0/ /7/	PIPER PA-28 N44192 DAMAGE-SUBSTANTIAL			NONCOUNTRATE	PRIVATE, AGE 38, 54 TOTAL P HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.				
	NAME OF AIRPORT — HYDE FIELD DEPARTURE POINT INTENDED DESTINATION POMONKEY,MD LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT IN FLIGHT NORMAL CRUISE									
	PERSONNEL - MISCELL FACTOR(S) PILOT IN COMMAND -	FAILED TO SEE AND AVOID OTHE ANEOUS-PERSONNEL PILOT OF C DIVERTED ATTENTION FROM OPER CES - FORCED LANDING ON AIRPO SUSPECTED OR KNOWN AIRC	OTHER AIRCR RATION OF A ORT/SEAPLAN	AFT IRCRA E BAS						
	CONTROLLING AGENCY TRAFFIC ADVISORY IS CONVERGENCE ANGLE-C EVASIVE ACTION TAKE	ON INVOLVED - SMALL US GEN.AV - NO CONTROL SSUED - NONE DEGREES - 7 EN - NO VERTED TO HIGHWAY.L LDG GR CO	R A C O H O A N	DAR C NTROL RIZON TI-CO	TL/SURVEILLANCE - NOT UN ZONE/AREA - NO ITAL COLLISION ANGLE-DEGR LLISION LIGHTS - OPERATI	DER RADAR CONTACT EES - 165 NG				
3-4194	9/26/74 INDIANHEAU TIME - 1415	O,MD CESSNA 172M N20271 DAMAGE-SUBSTANTIA	CR- 0 PX- 0 OT- 0	0 2 0 0 0 1	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 59, 20000 TOTAL HOURS, 5000 IN TYPE, NOT INSTRUMENT RATED.				
	NAME OF AIRPORT - HYD DEPARTURE POINT	DE FIELD INTENDED DESTINATION LOCAL								
	TYPE OF ACCIDENT	LOCAL CRAFT BOTH IN FLIGHT	РН	ASE C	F OPERATION IGHT NORMAL CRUISE					
	PERSONNEL - MISCELI	FAILED TO SEE AND AVOID OTHE LANEOUS-PERSONNEL PILOT OF (CES - FORCED LANDING ON AIRPO LATERAL CONTROL PROBLER SUSPECTED OR KNOWN AIRC)THER AIRCR)RT∕SEAPLAN 1	AFT E BAS	E/HELIPT•					
	SPECIAL DATA SEGMENTS OF AVIATIO CONTROLLING AGENCY TRAFFIC ADVISORY IS CONVERGENCE ANGLE—I EVASIVE ACTION TAKE	SSUED — NONE DEGREES — 8	R A C C H C	DAR O NTROL IRIZON	AV. TL/SURVEILLANCE - NOT UN . ZONE/AREA - NO ITAL COLLISION ANGLE-DEGR DLLISION LIGHTS - OPERATI	EES - 165				

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA					
3-1288	5/20/74 TEWKSBURY,MAS TIME - 1620	SS AMER AVCO AA-5 N6028L DAMAGE-DESTROYED								
	NAME OF AIRPORT - TEW-MAC DEPARTURE POINT INTENDED DESTINATION TEWKSBURY, MASS LOCAL TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT IN FLIGHT OTHER									
	PERSONNEL - MISCELLANE FACTOR(S)	LED TO SEE AND AVOID OTHER COUS-PERSONNEL PILOT OF OT IDITIONS - SEPARATION IN FU	THER AIRCRAFT							
	CONTROLLING AGENCY - U TRAFFIC ADVISORY ISSUE CONVERGENCE ANGLE-DEGR EVASIVE ACTION TAKEN -	ED - NONE REES - 103 - UNKNOWN/NOT REPORTED								
3-1288	5/20/74 TEWKSBURY,MAS TIME - 1620	SS PIPER PA-28R N4MB DAMAGE-DESTROYED	PX- 0 0 0	PLEASURE/PERSONAL TRANS	SP TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT					
	NAME OF AIRPORT - TEW-MA DEPARTURE POINT NORWOOD, MASS TYPE OF ACCIDENT COLLISION WITH AIRCRAF	INTENDED DESTINATION TEWKSBURY, MASS		OF OPERATION IGHT OTHER	RATED.					
		ILED TO SEE AND AVOID OTHER OUS-PERSONNEL PILOT OF O								
	CONTROLLING AGENCY — U TRAFFIC ADVISORY ISSUE CONVERGENCE ANGLE-DEGR EVASIVE ACTION TAKEN -	D - NONE	RADAR C CONTROL HORIZON	TL/SURVEILLANCE - NOT UI LED/UNCONTROLLED AIRPOR ITAL COLLISION ANGLE-DEGI	T - UNCONTROLLED AIRPORT REES - 12					

FILE	DATE	LOCATION	AIRCRAFT DATA	I N J F	IUR	IES S M	 /N	FLIGHT PURPOSE	PILOT DATA
3-1928	6/27/74 TIME - 225	DETROIT,MICH 7	BELL 47G-5A N59399 DAMAGE-DESTROYED	CR- PX- OT-	2 0 0	0 0 0	0 0 2	MISCELLANEOUS POLICE PATROL	COMMERCIAL, AGE 25, 598 TOTAL HOURS, 378 IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - DETROIT CITY DEPARTURE POINT INTENDED DESTINATION DETROIT, MICH LOCAL TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH IN FLIGHT						E O FL	F OPERATION IGHT OTHER	
	PROBABLE C PILOT IN PERSONNE FACTOR(S)	AUSE(S) COMMAND - FAILED TEL - MISCELLANEOUS-F	TO SEE AND AVOID OTHER PERSONNEL PILOT OF O DNS — DISREGARD OF GOI	R AIRCR THER AI	AF RC	T RAF	т		
	CONTROLL TRAFFIC CONTROL ANTI-COL	OF AVIATION INVOLVING AGENCY - TOWER ADVISORY ISSUED - NZONE/AREA - YES LISION LIGHTS - OPE	ERATING		R C E	ADA ONT VAS	R C ROL IVE	TL/SURVEILLANCE - NOT LED/UNCONTROLLED AIRF ACTION TAKEN - NO	I UNDER RADAR CONTACT PORT - CONTROLLED AIRPORT ELY PRIOR TO COLLISION.
3-1928	6/27/74 TIME - 225	DETROIT,MICH 7	BEECH D18S N3616B DAMAGE-SUBSTANTIAL	CR- PX- OT-	0 0 2	0 0 0	2 0 0	COMMERCIAL AIR TAXI-CARGO S-D	ATR, FLIGHT INSTR., AGE 41, 14000 TOTAL HOURS, 3000 IN TYPE, INSTRUMENT RATED.
	DEPARTURE OLIVE B TYPE OF AC		TY INTENDED DESTINATION DETROIT, MICH DTH IN FLIGHT						
	PERSONNE FACTOR(S) TERRAIN	COMMAND - FAILED L - MISCELLANEOUS-F - OTHER CIRCUMSTANCES - PRI DIF	TO SEE AND AVOID OTHE PERSONNEL PILOT OF O' ECAUTIONARY LANDING O RECTIONAL CONTROL PRO SPECTED OR KNOWN AIRC	THER AI N AIRPO BLEM	RC	RAF	Т		
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - TOWER TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - YES ANTI-COLLISION LIGHTS - OPERATING REMARKS- DESCENDING OVER CITY AREA AT NIGHT.CLRD TO LAND PRIOR TO IMPACT.								

			BRIEF	S OF AC	CCI	DEN	TS			
FILE	DATE	LOCATION	AIRCRAFT DATA	IN.	JUR =	IES S M	/N	FLIGHT PURPOSE	PILOT DATA	
	7/20/74 TIME - 08	NR.GREENVILLE,MISS 330	BOEING A75N1 N59759 DAMAGE-DESTROYED	CR - PX -	1 0	0	0	COMMERCIAL		
		AIRPORT - DUSTER STRI E POINT I								
		ILLE, MISS	LOCAL							
	TYPE OF A	ACCIDENT ION WITH AIRCRAFT BO	OTH IN FLIGHT					F OPERATION IGHT STARTING SWATH RUI	N [.]	
		IN COMMAND - EXERCISE IN COMMAND - FAILED 1		R AIRC	RAF	T				
	TOTAL I	HOURS IN CROP CONTROL	9999		K	IND	OF	OPERATION - SPRAYING C	ROPS	
	KIND OF	F CROP — RICE S SEAT BELT — FASTENE			KIND OF OPERATION - SPRAYING CROPS TYPE OF CHEMICAL USED - LIQUID CHEMICAL-NONTOXIC					
	PILOTIS	S SEAT BELT — FASTENE S — USED	D-PROPERLY		GLOVES - NOT USED CRASH HELMET - AVAIALABLE-NOT USED					
	000000	CRASHPAD - INSTALLE	:D		CRASH BAR - NOT INSTALLED					
					TERRAIN-TYPE - LEVEL, FLAT					
	ELEVAT	ION-AREA BEING TREATE	D-FEET - 131		S	WAT	H R	UN-HOW FLOWN - CROSSWIN	D	
	SPECIAL (DATA								
		TS OF AVIATION INVOLV								
		LLING AGENCY - NO CON L ZONE/AREA - NO	TIRUL		١	CONT	FRO	ADVISORY ISSUED - NONE SENCE ANGLE-DEGREES - O		
	_	ACTION TAKEN - NO					_ / (LENGE ANGLE BEGNELS		
	REMARKS-	L DESCENDING TURN.01	TR ACET IN R PULL-UP	AFTER	COM	PLE	TIN	IG SWATH RUN. HEAD-ON COL	LISION.	

FILE	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
3-3011	7/20/74 NR.GREENVILLE MISS TIME - 0830	BOEING A75N1 N55374 DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 25, 3200 TOTAL HOURS, 800 IN TYPE, NOT INSTRU-
	NAME OF AIRPORT - DUSTER STE DEPARTURE POINT GREENVILLE MISS TYPE OF ACCIDENT COLLISION WITH AIRCRAFT E	INTENDED DESTINATION LOCAL	PHASE IN F	DF OPERATION LIGHT PULLUP FROM SWAI	TH RUN
	PROBABLE CAUSE(S) PILOT IN COMMAND - EXERCIS PILOT IN COMMAND - FAILED FACTOR(S) MISCELLANEOUS ACTS, CONDITI	TO SEE AND AVOID OTHE	R AIRCRAFT		
	SPECIAL DATA TOTAL HOURS IN CROP CONTRO KIND OF CROP - RICE PILOT'S SEAT BELT - FASTEN GOGGLES - USED COCKPIT CRASHPAD - INSTALL TANK/HOPPER-LOCATION - FOR ELEVATION-AREA BEING TREAT	L - 9999 ED-PROPERLY ED WARD OF PILOT ED-FEET - 131	KIND O TYPE O GLOVES CRASH CRASH TERRAI SWATH	F OPERATION - SPRAYING F CHEMICAL USED - LIQUI - NOT USED HELMET - AVAIALABLE-NOT BAR - NOT INSTALLED N-TYPE - LEVEL•FLAT RUN-HOW FLOWN - CROSSWI	D CHEMICAL-NONTOXIC
	SPECIAL DATA SEGMENTS OF AVIATION INVOL CONTROLLING AGENCY - NO CO CONTROL ZONE/AREA - NO EVASIVE ACTION TAKEN - NO REMARKS- BOTH ACFT SPRAYING	VED - SMALL US GEN.AV NTROL	SMALL US GEN TRAFFI CONVER	.AV. C ADVISORY ISSUED - NON GENCE ANGLE-DEGREES - (JE)
3-2545	7/25/74 TOMS RIVER•NJ TIME - 1050	CESSNA 182 N7221N DAMAGE-DESTROYED			PRIVATE, AGE 43, 300 ANSP TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - ROBERT MIL DEPARTURE POINT TRENTON,NJ TYPE OF ACCIDENT COLLISION WITH AIRCRAFT	INTENDED DESTINATION ATLANTIC CITY,NJ	PHASE IN F	OF OPERATION LIGHT NORMAL CRUISE	KATED.
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED PERSONNEL - MISCELLANEOUS-	TO SEE AND AVOID OTHE -PERSONNEL PILOT OF O	R AIRCRAFT THER AIRCRAFT		
	SPECIAL DATA SEGMENTS OF AVIATION INVOL CONTROLLING AGENCY - TOWER TRAFFIC ADVISORY ISSUED - CONVERGENCE ANGLE-DEGREES ANTI-COLLISION LIGHTS - IN FIRE AFTER IMPACT REMARKS- ENRT WX BRIEF BY TW	R BY LOCAL CONTROL - 110 ISTALLED,OPERATION UNK	RADAR CONTRO HORIZO	.AV. CTL/SURVEILLANCE - UND(L ZONE/AREA - NO INTAL COLLISION ANGLE-DO	

			AIRCRAFT DATA				N	FLIGHT PURPOSE	PILOT DATA	
	45 7/25/74 TOMS RIVER,NJ PIPER PA-28R CR- 2 0 0 INSTRUCTIONAL COMMERCIAL, TIME - 1050 N43100 PX- 0 0 0 DUAL TOTAL HOURS, DAMAGE-DESTROYED OT- 2 0 0 INSTRUMENT R									
			ILLER INTENDED DESTINATION LOCAL					- OPERATION		
			BOTH IN FLIGHT					IGHT NORMAL CRUISE		
	PERSONNEL FACTOR(S)	COMMAND - FAILER - MISCELLANEOU	D TO SEE AND AVOID OTHER S-PERSONNEL PILOT OF O TIONS - SEPARATION IN FI	THER A			-			
	CONTROLLI TRAFFIC A CONTROL Z HORIZONTA	OF AVIATION INV NG AGENCY — APP DVISORY ISSUED - ONE/AREA — NO L COLLISION ANG	DLVED - SMALL US GEN.AV. ROACH CONTROL-LANDING - BY APPROACH CONTROL LE-DEGREES - 40 ING W,VARIABLE TO NE.CO		R C C A	ADAR ON TR ON VE NTI-	COLI OLI RG COI	TL/SURVEILLANCE — UNDER LED/UNCONTROLLED AIRPOR ENCE ANGLE-DEGREES — 70 LLISION LIGHTS — INSTAL	RADAR CONTACT T - UNCONTROLLED AIRPORT LED,OPERATION UNKNOWN ER R WING SEPARATED.	
3-3915	TIME - 1050		N5 25 1 Z	P X -	0	0	0	PLEASURE/PERSONAL TRAN	COMMERCIAL, AGE 30, 348 SP TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.	
3-3915	TIME - 1050 DEPARTURE P	OINT	N5251Z DAMAGE-DESTROYED INTENDED DESTINATION	P X -	0	0	0	NONCOMMERCIAL PLEASURE/PERSONAL TRAN	COMMERCIAL, AGE 30, 348 SP TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.	
3-3915	TIME - 1050 DEPARTURE P WADESBOR TYPE OF ACC	OINT O,NC IDENT	N5 25 1 Z	PX- OT-	0 0	0 0 HASE	0	PLEASURE/PERSONAL TRAN	SP TOTAL HOURS, UNK/NR IN	
3-3915	TIME - 1050 DEPARTURE P WADESBOR TYPE OF ACC COLLISION PROBABLE CA PILOT IN	OINT O+NC IDENT WITH AIRCRAFT USE(S)	N5251Z DAMAGE-DESTROYED INTENDED DESTINATION HUNTERSVILLE,NC BOTH IN FLIGHT PTED OPERATION BEYOND E	PX- OT-	0 0	O O HASE IN	0 1 OI FL	PLEASURE/PERSONAL TRAN - OPERATION IGHT OTHER	SP TOTAL HOURS, UNK/NR IN	
3-3915	TIME - 1050 DEPARTURE P WADESBOR TYPE OF ACC COLLISION PROBABLE CA PILOT IN PILOT IN SPECIAL DAT SEGMENTS CONTROLLI	OINT O+NC IDENT WITH AIRCRAFT USE(S) COMMAND - ATTEM COMMAND - MISJU	N5251Z DAMAGE-DESTROYED INTENDED DESTINATION HUNTERSVILLE,NC BOTH IN FLIGHT PTED OPERATION BEYOND EXD DGED CLEARANCE OLVED - SMALL US GEN.AV. CONTROL	PX- OT-	O O PI	O O HASE IN /ABI S GE	O 1 OI FL	PLEASURE/PERSONAL TRAN - OPERATION IGHT OTHER IY LEVEL	SP TOTAL HOURS, UNK/NR IN TYPE, INSTRUMENT RATED.	

								FLIGHT PURPOSE	PILOT DATA
	11/23/74 TIME - 105 DEPARTURE WADESBO TYPE OF AC	POLKTON,NC POINT RO,NC CIDENT	LUSCOMBE 8A	CR- PX- OT-	0 0 1	0 0 0	1 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANSI	
		L - MISCELLANEOUS	-PERSONNEL PILOT OF O FED OPERATION BEYOND E					TY LEVEL	
	CONTROLL TRAFFIC EVASIVE	OF AVIATION INVOI ING AGENCY — NO CO ADVISORY ISSUED — ACTION TAKEN — NO	LVED - SMALL US GEN.AV DNTROL NONE TR ACFT ON R,LWR,PASSEI		R C A	ADAI ON T N T I ·	R 0 R 0 L - C 0	TL/SURVEILLANCE - NOT UND ZONE/AREA - NO LLISION LIGHTS - NOT INS	DER RADAR CUNTACT
3-2761		MARION,OHIO O	SCHWEIZER 1-26B N3818A DAMAGE-DESTROYED	CR- PX- OT-	0	0 0	1 0 1	NONCOMMERCIAL PRACTICE	STUDENT, AGE 30, 30 TOTAL HOURS, 7 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE MARION, C	CIDENT HIO	NI INTENDED DESTINATION		P	гΔς	Fr	NE OPERATION	
	PERSONNE FACTOR(S)	N COMMAND - FAILED L - MISCELLANEOUS-	TO SEE AND AVOID OTHE -PERSONNEL PILOT OF O'	THER A			Т		
	CONTROLL TRAFFIC	OF AVIATION INVO ING AGENCY — NO CO ADVISORY ISSUED —	LVED - SMALL US GEN.AV DNTROL NONE DTR GLIDER.OUTBD 10FT (R C	ADA ON T	R C	TL/SURVEILLANCE - NOT UNI LED/UNCONTROLLED AIRPORT	DER RADAR CONTACT - CONTROLLED AIRPORT

									PILOT DATA			
3-2761	8/25/74 TIME - 140 NAME OF AI DEPARTURE MARION, C	MARION, OHIO OO RPORT - MARION MUN POINT HOUSE	BRIEGLEB BG-12 N1297 DAMAGE-SUBSTANTIAL	CR- PX- OT-	0 0 0 0 0 0	1 0 1	NONCOMMERCIAL PLEASURE/PERSONAL	TRANSP	PRIVATE, AGE 30, R9 TOTAL HOURS, 25 IN TYPE, NOT INSTRUMENT RATED.			
	PROBABLE O PILOT IN PERSONNE FACTOR(S) MISCELLA PILOT IN	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT										
	CONTROLL TRAFFIC	TA OF AVIATION INVOL ING AGENCY - NO COM ADVISORY ISSUED - I	/ED — SMALL US GEN.AV ITROL NONE LIT GLIDER.REVERSED CO	SMALL	US (RADA CON	R C	TL/SURVEILLANCE - N LED/UNCONTROLLED A:					
3-0636	2/16/74 TIME - 170	BOISE CITY,OKLA O	HUGHES 269C N8975F DAMAGE-DESTROYED	CR- PX- OT-	1 0 0 0 1 1	0 0 0	MISCELLANEOUS FERRY		COMMERCIAL, AGE 30, 1700 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.			
	DEPARTURE BOISE CI TYPE OF AC		INTENDED DESTINATION LAMAR,COLO				OF OPERATION FF INITIAL CLIMB					
	MISCELLA PILOT IN PERSONNE FACTOR(S)	N COMMAND - EXERCIS NEOUS ACTS, CONDITIO N COMMAND - FAILED L - MISCELLANEOUS-	ONS - DISREGARD OF GOO TO SEE AND AVOID OTHER PERSONNEL PILOT OF O	R AIRCR THER AI	AF T RCRAF	Т						
	PILOT IN COMMAND - FAILED TO USE OR INCORRECTLY USED MISC. EQUIPMENT SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - OTHER CONTROL ZONE/AREA - NO CONVERGENCE ANGLE-DEGREES HORIZONTAL COLLISION ANGLE-DEGREES - 0 VERTICAL COLLISION ANGLE- EVASIVE ACTION TAKEN - NO REMARKS- CLIMBING L TURN ACROSS ACTIVE RWY.NOT MONITORING UNICOM.HIT ACFT ON FINAL								- UNCONTRULLED AIRPORT - 0			

			BRIEFS (
FILE	DATE LOCAT	ION AIRCRA	FT DATA	INJUR F	S M	/ N:	FLIGHT PURPOSE	PILOT DATA
3-0636	2/16/74 BOISE CIT TIME - 1700	Y,OKLA CESSNA 1 N22061 DAMAGE-D	50 (F ESTROYED (CR- 1 PX- 0 DT- 1	1 0 0	0 0 0	INSTRUCTIONAL DUAL	CUMMERCIAL, FL.INSTR., AGE 39, 10300 TOTAL HOURS, UNK/NR IN TYPE, NOT INSTRUMENT RATED.
	NAME OF AIRPORT - BO DEPARTURE POINT BOISE CITY, OKLA TYPE OF ACCIDENT COLLISION WITH AIRC	ISE CITY MUNI INTENDED DE LOCAL	STINATION	P	PHAS	≣ 0	= OPERATION NG FINAL APPROACH	NOT INSTRUMENT NATEO
	PROBABLE CAUSE(S) PILOT IN COMMAND — PILOT IN COMMAND — PERSONNEL — MISCELI FACTOR(S) MISCELLANEOUS — EV	SPONTANEOUS-IMPROP ANEOUS-PERSONNEL	ER ACTION PILOT OF OTHE	ER AIRO		Т		
	SPECIAL DATA SEGMENTS OF AVIATION CONTROLLING AGENCY TRAFFIC ADVISORY I CONTROL ZONE/AREA HORIZONTAL COLLISI EVASIVE ACTION TAK REMARKS- DELAYED EVA	- UNICOM SSUED - NONE - NO ON ANGLE-DEGREES - EN - YES	0	R () () () ()	RADA CONT CONV VERT ANTI	R C ROL ERG ICA -CO	TL/SURVEILLANCE - NOT U	T - UNCONTROLLED AIRPORT ES - 0
3-3464	9/8/74 ALLENTOWN TIME - 1633 NAME OF AIRPORT - AL	DAMAGE-S	28 (UBSTANTIAL (NONCOMMERCIAL PLEASURE/PERSONAL TRAN	STUDENT, AGE 46, 65 TOTA SP HOURS, ALL IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE POINT ALLENTOWN,PA TYPE OF ACCIDENT COLLISION WITH AIR	INTENDED DE LOCAL					F OPERATION NG TRAFFIC PATTERN-CIR	CLING
	PROBABLE CAUSE(S) PILOT IN COMMAND — PERSONNEL — MISCEL FACTOR(S) PERSONNEL — TRAFFI		PILOT OF OTH	ER AIR(CRAF		IRCRAFT	
	CONTROLLING AGENCY TRAFFIC ADVISORY I CONTROL ZONE/AREA HORIZONTAL COLLISI EVASIVE ACTION TAK	ON INVOLVED - SMALU - TOWER SSUED - NONE - YES ON ANGLE-DEGREES - EN - NO 45 DEG APCH LEG TO	0	; (RADA CONT CONV VERT ANTI	R C ROL ERG ICA 	AV. TL/SURVEILLANCE - NOT U LED/UNCONTROLLED AIRPOR ENCE ANGLE-DEGREES - 12 L COLLISION ANGLE-DEGRE LLISION LIGHTS - INSTAL OF R STABILATOR OF N40	T - CONTROLLED AIRPORT O ES - 3 LED,OPERATION UNKNOWN

FILE	DATE LOCATI	ON AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA						
					STUDENT, AGE 45, 84 TOTAL HOURS, 2 IN TYPE, NOT INSTRUMENT RATED.						
	NAME OF AIRPORT - ALL DEPARTURE POINT ALLENTOWN, PA	ENTOWN-BETH. INTENDED DESTINATION									
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANGOUS-PERSONNEL PILOT OF OTHER AIRCRAFT FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL INADEQUATE SPACING OF AIRCRAFT MISCELLANEOUS ACTS, CONDITIONS - TOUCH AND GO LANDING										
	CONTROLLING AGENCY TRAFFIC ADVISORY IS CONTROL ZONE/AREA — HORIZONTAL COLLISIO EVASIVE ACTION TAKE	SUED - NONE YES N ANGLE-DEGREES - 5	RADAR C CONTROL CONVERG VERTICA ANTI-CO	TL/SURVEILLANCE - N LED/UNCONTROLLED AI ENCE ANGLE-DEGREES L COLLISION ANGLE-DI LLISION LIGHTS - OP	OT UNDER RADAR CONTACT RPORT - CONTROLLED AIRPORT - 125 EGREES - 3 ERATING						
3-0540	2/23/74 TYLER,TEX TIME - 1257	PIPER PA-28 N4275T DAMAGE-SUBSTANTIAL	CR- 0 0 2 PX- 0 0 0 OT- 2 0 0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 26, 650 TOTAL HOURS, UNK/NR IN TYPE, INSTRU- MENT RATED.						
	TYPE OF ACCIDENT	NDS FIELD INTENDED DESTINATION TYLER,TEX RAFT BOTH IN FLIGHT	PHASE C LANDI	F OPERATION NG TRAFFIC PATTERN:							
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT PERSONNEL - TRAFFIC CONTROL PERSONNEL INADEQUATE SPACING OF AIRCRAFT EMERGENCY CIRCUMSTANCES - FORCED LANDING ON AIRPORT/SEAPLANE BASE/HEL_PT. SUSPECTED OR KNOWN AIRCRAFT DAMAGE										
	SUSPECIED OR KNOWN AIRCRAFT DAMAGE SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVSMALL US GEN.AV. CONTROLLING AGENCY - TOWER TRAFFIC ADVISORY ISSUED - NONE CONTROL ZONE/AREA - YES HORIZONTAL COLLISION ANGLE-DEGREES - 138 ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- TWR FAILED TO EFFECT PROPER SEQUENCING OF DEP AND ARRIVING ACFT.										

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ(F	JRIES S M	/N	FLIGHT PURPOSE	PILOT DATA
3-0540	2/23/74 TIME - 1257	TYLER,TEX 7 RPORT - POUNDS FIE	CESSNA 150 N18563 DAMAGE-DESTROYED	CR- I PX- I OT- C	0 L 0	0 0 2	NONCOMMERCIAL BUSINESS	PRIVATE, AGE 32, 100 TOTAL HOURS, 45 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE P TYLER, TEX TYPE OF ACC	POINT (:ident , with dircraft - P	INTENDED DESTINATION LONGVIEW, TEX				- OPERATION	
	PROBABLE CA PILOT IN PERSONNEL	AUSE(S) COMMAND - FAILED - MISCELLANEOUS-	TO SEE AND AVOID OTHE PERSONNEL PILOT OF O L PERSONNEL INADEQUA	R AIRCRA	AFT RCRAF	т		
	CONTROLLI TRAFFIC A CONTROL Z HORIZONTA ANTI-COLL	OF AVIATION INVOLING AGENCY - TOWER ADVISORY ISSUED - CONE/AREA - YES AL COLLISION ANGLE LISION LIGHTS - IN	STALLED, OPERATION UNK	เทอพท	RADA CONT CONV EVAS	R C ROL ERG IVE	TL/SURVEILLANCE - UNKN LED/UNCONTROLLED AIRPO ENCE ANGLE-DEGREES - 3 ACTION TAKEN - NO	IOWN/NOT REPORTED ORT - CUNTROLLED AIRPORT S LL IN TRAFFIC PATTERN.
3-0453	3/6/74 TIME - 1345	BUCKEYE,TEX	GRUMMAN G-164A N5470 DAMAGE-SUBSTANTIAL	CR- (PX- (0 0 0 0 L 0	1 0 0	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, AGE 55, 20000 TOTAL HOURS, 1500 IN TYPE, NOT INSTRUMENT RATED.
	DEPARTURE F BUCKEYE + 1	RPORT - FARM STRIF POINT FEX CIDENT N WITH AIRCRAFT :	INTENDED DESTINATION LOCAL SOTH IN FLIGHT		PHAS IN	E O FL	F OPERATION IGHT SWATH RUN	
	PROBABLE CA PERSONNEL		PERSONNEL PILOT OF O	THER AI	RCRAF	т		
	GLOVES — CRASH HEL CRASH BAR TERRAIN—1		NOT USED		GOGG COCK TANK	LES PIT /HO	OPERATION — SEEDING C SEAT BELT — FASTENED— — USED CRASHPAD — INSTALLED PPER—LOCATION — FORWAR DN—AREA BEING TREATED—	RD OF PILOT
	CONTROLLI TRAFFIC A EVASIVE A	OF AVIATION INVOL ING AGENCY — NO CO ADVISORY ISSUED — ACTION TAKEN — NO	VED - SMALL US GEN.AV DNTROL NONE .FT FAILED TO FLY SWAT		RADA CONT ANTI	R C ROL —CO	TL/SURVEILLANCE - NOT ZONE/AREA - NO LLISION LIGHTS - NOT I	UNDER RADAR CONTACT

			BRIEF	S OF AC	LIU	IEN IS	5		
FILE			AIRCRAFT DATA	F	S	M/N	d	FLIGHT PURPOSE	PILOT DATA
	3/6/74 E TIME - 1345		GRUMMAN G-164A N5458 DAMAGE-DESTROYED	CR-	l)	0 0) '	COMMERCIAL AERIAL APPLICATION	COMMERCIAL, FL.INSTR., AGE 48, 20000 TOTAL HOURS, 1200 IN TYPE, NOT INSTRUMEN] RATED.
	DEPARTURE PO BUCKEYE, TE TYPE OF ACC!	X	INTENDED DESTINATION LOCAL					OPERATION GHT SWATH RUN	
	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.								
	KIND OF CF GLOVES - N CRASH HELM CRASH BAR TERRAIN-TY	S IN CROP CONTRO OP - RICE	NOT USED	KIND OF OPERATION - SEEDING CROPS PILOT'S SEAT BELT - FASTENED-PROPERLY GOGGLES - USED COCKPIT CRASHPAD - INSTALLED TANK/HOPPER-LOCATION - FORWARD OF PILOT ELEVATION-AREA BEING TREATED-FEET - 50					
	SPECIAL DATA SEGMENTS (CONTROLLIN TRAFFIC AC EVASIVE AC REMARKS- PLI	SMALL	R A C C	DAR INTRO	CT 3L	V. L/SURVEILLANCE - NOT UN ZONE/AREA - NO LISION LIGHTS - NOT INS			
3 – 2279	7/20/74 ATIME - 1230		CESSNA 150K N6311G DAMAGE-SUBSTANTIAL INTENDED DESTINATION	PX-	0	0 0)	NONCOMMERCIAL PLEASURE/PERSONAL TRANS	STUDENT, AGE 24, 33 TOTA SP HOURS, 20 IN TYPE, NOT INSTRUMENT RATED.
	HOUSTON, TYPE OF ACCI	DENT	LOCAL OTH IN FLIGHT					OPERATION GHT NORMAL CRUISE	
	PILOT IN (COMMAND - ATTEMPT COMMAND - FAILED	ED OPERATION BEYOND E: TO SEE AND AVOID OTHE PERSONNEL PILOT OF O	R AIRCR	AF 1	Г		Y LEVEL	
	CONTROLLIM TRAFFIC AL ANTI-COLLI	DF AVIATION INVOL NG AGENCY - NO CO DVISORY ISSUED - SION LIGHTS - IN		NOWN	RΔ	DAR ASI	CT VE	L/SURVEILLANCE - NOT UN ACTION TAKEN - NO	NDER RADAR CONTACT

FILE	DATE	LOCATION	AIRCRAFT DATA	ΙN	JUR	IES		FLIGHT	PILOT DATA		
3-2279	7/20/74 TIME - 12 DEPARTURE HOUSTO	ALTO LOMA,TEX 30 POINT N,TEX	CESSNA 150L N54720 DAMAGE-SUBSTANTIAL INTENDED DESTINATION LOCAL	CR- PX- OT-	0 0 0	0 0 0	1 1 1	NONCOMMERCIAL PLEASURE/PERSONAL TRANSI	PRIVATE, AGE 24, 160 POTAL HOURS, 85 IN TYPE, NOT INSTRUMENT RATED.		
	PROBABLE PILOT IN	PROBABLE CAUSE(S) PILOT IN COMMAND - ATTEMPTED OPERATION BEYOND EXPERIENCE/ABILITY LEVEL PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT									
	CONTROL TRAFFIC ANTI-CO	S OF AVIATION INVOL LING AGENCY — NO CO ADVISORY ISSUED — LLISION LIGHTS — IN	VED - SMALL US GEN.AV. NTROL NONE STALLED, OPERATION UNKN HE WAS BELOW & OUT OF	IOMN	R	JS G ADA EVAS	EN. R C	AV. TL/SURVEILLANCE — NOT UN E ACTION TAKEN — NO	DER RADAR CONTACT		
3-3759	11/2/74 TIME - 16	GRAND PRAIRIE,TEX 40	CESSNA 210 N7352E DAMAGE-SUBSTANTIAL	CR- PX- OT-	0 0 0	0 0 0	2 0 2	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 35, 955 TOTAL HOURS, 14 IN TYPE, INSTRUMENT RATED.		
	DEPARTURE GRAND P TYPE OF A	RAIRIE,TEX CCIDENT	INTENDED DESTINATION					DF OPERATION ING FINAL APPROACH	NATED.		
	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										
	CONTROL TRAFFIC CONTROL HORIZON EVASIVE	S OF AVIATION INVOL LING AGENCY - UNICO ADVISORY ISSUED - ZONE/AREA - NO TAL COLLISION ANGLE ACTION TAKEN - NO	E-DEGREES - 0		() () ()	RADA CONT CONV /ERT ANTI	ROL ERO ICA 	.AV. CTL/SURVEILLANCE - NOT UN LED/UNCONTROLLED AIRPORT SENCE ANGLE-DEGREES - O AL COLLISION ANGLE-DEGREE DLLISION LIGHTS - OPERATI DRT.NO PUBLISHED TRAFFIC	S - 0 NG		

		DRIC	FS OF ACCIDENTS										
		ON AIRCRAFT DATA	F S M/N	PURPOSE	PILOT DATA								
3-3759	11/2/74 GRAND PRAIF TIME - 1640	IE,TEX PIPER PA-28 N3679R DAMAGE-SUBSTANTIA	CR- 0 0 2 PX- 0 0 0 L OT- 0 0 2	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 44, 1387 TOTAL HOURS, 27 IN TYPE, INSTRUMENT RATED.								
	DALLAS, TEX TYPE OF ACCIDENT	D PRAIRIE INTENDED DESTINATION LOCAL AFT BOTH IN FLIGHT	GRAND PHASE C	ROUTE STOP PRAIRIE,TEX F OPERATION NG LEVEL OFF/TOUCHDOWN	NA 1234								
	PERSONNEL - MISCELLA FACTOR(S) PILOT IN COMMAND - F	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.AVSMALL US GEN.AV. CONTROLLING AGENCY - UNICOM TRAFFIC ADVISORY ISSUED - NONE CONTROLLED/UNCONTROLLED AIRPORT - UNCONTROLLED CONTROL ZONE/AREA - NO HORIZONTAL COLLISION ANGLE-DEGREES - O EVASIVE ACTION TAKEN - NO REMARKS- PLT OF PIPER SAW CESSNA ABOVE AND BEHIND.NO EVASIVE ACTION TAKEN.UNCONTROLLED ARPT.												
3-3834	11/21/74 DALLAS,TEX TIME - 1545	BEECH 35 N3041V DAMAGE-SUBSTANTIA	1 / 0 0	NONCOMMERCIAL PLEASURE/PERSONAL TRANS	PRIVATE, AGE 47, 608 SP TOTAL HOURS, 48 IN TYPE, NOT INSTRUMENT RATED.								
	NAME OF AIRPORT - LOVI DEPARTURE POINT KEENE, TEX TYPE OF ACCIDENT COLLISION WITH AIRCI	FLD	PHASE C	F OPERATION .IGHT 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 - DISREGARD OF GOOD OPERATING PRACTICE												
	SPECIAL DATA SEGMENTS OF AVIATION CONTROLLING AGENCY TRAFFIC ADVISORY IS: CONTROL ZONE/AREA — HORIZONTAL COLLISION ANTI-COLLISION LIGHT	NDER RADAR CONTACT T — CONTROLLED AIRPORT											

FILE	DATE	LOCATION	AIRCRAFT DATA	INJU F	R I E S	S M/N	FLIGHT PURPOSE	PILOT DATA			
3-3834	11/21/74 TIME - 15	DALLAS,TEX 45	BELLANCA 17-30A N100MV DAMAGE-SUBSTANTIAL	CR- 0 PX- 0	0	1 0	NONCOMMERCIAL PLEASURE/PERSONAL TR	PRIVATE, AGE 29, 364 ANSP TOTAL HOURS, 55 IN TYPE,			
	4 11/21/74 DALLAS,TEX BELLANCA 17-30A CR- 0 0 1 NONCOMMERCIAL PRIVATE, AGE 29, 36 TIME - 1545 N100MV PX- 0 0 0 PLEASURE/PERSONAL TRANSP TOTAL HOURS, 55 IN DAMAGE-SUBSTANTIAL OT- 0 0 1 INSTRUMENT RATED. NAME OF AIRPORT - LOVE FLD DEPARTURE POINT DALLAS,TEX SAN ANTONIO,TEX TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH IN FLIGHT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT IN FLIGHT CLIMB TO CRUISE										
	PILOT IN PERSONNE FACTOR(S)	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									
	CONTROLI TRAFFIC CONTROL HORIZONI ANTI-COI	S OF AVIATION INVO LING AGENCY — TOWE ADVISORY ISSUED — ZONE/AREA — YES TAL COLLISION ANGL LLISION LIGHTS — I	LVED - SMALL US GEN.AV. R NONE E-DEGREES - 140 NSTALLED,OPERATION UNKN ITH DEP ARPT TWR. WAS V	10MN	RAC CON CON EVA	TROL VERG SIVE	TL/SURVEILLANCE - NOT LED/UNCONTROLLED AIRPO ENCE ANGLE-DEGREES - ACTION TAKEN - YES	UNDER RADAR CONTACT DRT - CONTRULLED AIRPORT 20 AFFIC.HEADING INTO SUN			
3-4107	11/12/74 N TIME - 180			PX- 0	C	0	OTHER PUBLIC	CERTIFICATE OTHER, AGE 32, 2850 TOTAL HOURS, 750 IN TYPE, NOT INSTRUMENT RATED.			
		AFB, NEV	INTENDED DESTINATION AR-316 & RETURN		рн л	SEC	F OPERATION	NATED.			
			BOTH IN FLIGHT				IGHT OTHER				
	PROBABLE CAUSE(S) PILOT - MISIDENTIFIED N40MP AS REFUELING TANKER FACTOR(S) PILOT IN COMMAND - FAILED TO FGLLOW APPROVED PROCEDURES, DIRECTIVES, ETC.										
	CONTROLI TRAFFIC EVASIVE FIRE AFTE	S OF AVIATION INVO LING AGENCY - CENT ADVISORY ISSUED - ACTION TAKEN - YE R IMPACT	LVED - SMALL US GEN.AV. ER-EN ROUTE NONE S		R A C C O N A N T	AR C	TL/SURVEILLANCE - UND . ZONE/AREA - YES LLISION LIGHTS - NOT	ER RADAR CONTACT OPERATING			

FILE	DATE LOCATI	ON AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE								
3-4107	11/12/74 NR.KINGSTON, TIME - 1804	UT ROCKWELL 690A N40MP DAMAGE-DESTROYED	CR- 1 0 0 PX- 0 0 0 DT- 0 2 0	MISCELLANEOUS FERRY	AIRLINE TRANSPORT, AGE 34, 2754 TOTAL HOURS, 200 IN TYPE, INSTRUMENT RATED.							
		INTENDED DESTINATION BUTTE,MONT			NATEO.							
	PHOENIX,ARIZ BUTTE,MONT TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT IN FLIGHT NORMAL CRUISE											
	PROBABLE CAUSE(S) PERSONNEL - MISCELL	PROBABLE CAUSE(S) PERSONNEL — MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT										
	CONTROLLING AGENCY CONTROL ZONE/AREA - ANTI-COLLISION LIGH FIRE AFTER IMPACT	SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVUS MILITARY CONTROLLING AGENCY - NO CONTROL CONTROL ZONE/AREA - YES ANTI-COLLISION LIGHTS - OPERATING SEGMENTS MILITARY RADAR CTL/SURVEILLANCE - NOT UNDER RA EVASIVE ACTION TAKEN - NO										
3-2979				MISCELLANEOUS OTHER PUBLIC	COMMERCIAL, AGE 33, 1422 TOTAL HOURS, 316 IN TYPE, INSTRUMENT RATED.							
	DEPARTURE POINT ATLANTIC CITY•NJ	INTENDED DESTINATION			110 110 110 110 1							
	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) PERSONNEL - TRAFFIC CONTROL PERSONNEL OTHER											
	RADAR CTL/SURVEILLA CONTROL ZONE/AREA - HORIZONTAL COLLISIO	IN INVOLVED - SMALL US GEN.AV NCE - UNDER RADAR CONTACT · YES IN ANGLE-DEGREES - O INTCP OPNS.INCOMPATIBLE MIX	TRAFFI CONVER EVASIV	SENCE ANGLE-DEGREES - E ACTION TAKEN - UNKN	· O IOWN/NOT REPORTED							

FILE	DATE	LOCATION	AIRCRAFT DATA	I NJUF F	RIES S M/	FLIGHT N PURPOS	E	PILOT DATA			
	10/11/74 NR.SA. TIME - 1923 DEPARTURE POIN WHITE PLAIN: TYPE OF ACCIDE	XIS,VA T S,NY NT	PIPER PA-24 N6876P DAMAGE-DESTROYED INTENDED DESTINATION GEORGETOWN,SC	CR- 1 PX- 2 OT- 0	0 0 0	O NONCOMMER O PLEASURE/ I OF OPERATIO	CIAL PERSONAL TRANSP IN	PRIVATE, AGE 39, 1606 TOTAL HOURS, 421 IN TYPE, INSTRUMENT RATED.			
	PROBABLE CAUSE PERSONNEL - FACTOR(S)	COLLISION WITH AIRCRAFT BOTH IN FLIGHT IN FLIGHT NORMAL CRUISE PROBABLE CAUSE(S) PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL OTHER									
	SPECIAL DATA SEGMENTS OF AVIATION INVOLVED - SMALL US GEN.AVUS MILITARY CONTROLLING AGENCY - NO CONTROL TRAFFIC ADVISORY ISSUED - BY ARTC CONVERGENCE ANGLE-DEGREES - 180 EVASIVE ACTION TAKEN - NO REMARKS- VFR FLT PLAN,ON AIRWAY,ARTCC RADAR FOLLOWING.										
3-2456	6/21/74 SEA TIME - 1544	TTLE,WASH	BELL OH-13G N9790 DAMAGE-DESTROYED	PX- 0	0	D POLICE PA	HEDUS TROL	CUMMERCIAL, FL.INSTR., AGE 31, 3291 TOTAL HOURS, 61 IN TYPE, NOT INSTRUMENT RATED.			
	TYPE OF ACCIDE	Т	INTENDED DESTINATION SEATTLE,WASH			OF OPERATION					
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PILOT IN COMMAND - DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT FACTOR(S) PERSONNEL - TRAFFIC CONTROL PERSONNEL FAILURE TO ADVISE OF OTHER TRAFFIC MISCELLANEOUS ACTS, CONDITIONS - CONGESTED TRAFFIC-PATTERN										
	CONTROLLING TRAFFIC ADVI CONTROL ZONE ANTI-COLLISI FIRE AFTER IMP	AGENCY - LOCAL SORY ISSUED - /AREA - YES ON LIGHTS - IN ACT	VED - SMALL US GEN.AV CONTROL NONE STALLED,OPERATION UNK ILD TO COMMNCT WTH TW	.NOWN	RADAR CONTR EVASI	CTL/SURVEIL OLLED/UNCON' VE ACTION TA	INSCEED HIM ON	ER RADAR CONTACT - CUNTROLLED AIRPORT			

FILE	DATE	LOCATION	AIRCRAFT DATA	INJ	JR I S	ES M/N		PILOT DATA				
3-2456	6/21/74 TIME - 154 NAME OF AI DEPARTURE SEATTLE, TYPE OF AG	SEATTLE, WASH 44 IRPORT - BOEING FIE POINT, WASH CCIDENT	CESSNA 150K N562QL DAMAGE-DESTROYED	CR- PX- OT-	l L Z LA	O C O C ST E HOQ ASE) NONCOMMERCIAL PLEASURE/PERSONAL TRAN)	PRIVATE, AGE 24, 95 TOTAL ISP HOURS, 77 IN TYPE, NOT INSTRUMENT RATED.				
	PILOT IN PERSONNE FACTOR(S)	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.AVSMALL US GEN.AV. CONTROLLING AGENCY - LOCAL CONTROL TRAFFIC ADVISORY ISSUED - BY LOCAL CONTROL CONTROL ZONE/AREA - YES ANTI-COLLISION LIGHTS - INSTALLED, OPERATION UNKNOWN REMARKS- PAX RCNTLY ENRLLD PLT CRS OPRTNG RADIO, ACKNWLGD SEENG TRFFC.CESSNA ON BASE, BELL SURVEYD CRIME SITE											
3-2754	NAME OF A DEPARTURE HILLSBO TYPE OF AC COLLISIO	IRPORT - PEARSON A POINT ORO•OREG CCIDENT ON WITH AIRCRAFT I	DAMAGE-DESTROYED	OT- (LA PH	1 C ST E VANC ASE	NROUTE STOP COUVER,WASH OF OPERATION	STUDENT, AGE 32, 34 TOTAL HOURS, 32 IN TYPE; NOT INSTRUMENT RATED.				
	PERSONNI SPECIAL DA	N COMMAND - FAILED EL - MISCELLANEOUS: ATA S DE AVIATION INVO	TO SEE AND AVOID OTHER -PERSONNEL PILOT OF O	THER AII	RCR	AFT	I.A.V.					
	CONTROLI TRAFFIC CONTROL HORIZON EVASIVE	LING AGENCY - NO C ADVISORY ISSUED - ZONE/AREA - YES TAL COLLISION ANGLI ACTION TAKEN - NO	ONTROL NONE		RA CO CO VE AN	DAR NTRO NVER RTIO	CTL/SURVEILLANCE - NOT U SULED/UNCONTROLLED AIRPOR EGENCE ANGLE-DEGREES - O CAL COLLISION ANGLE-DEGRE COLLISION LIGHTS - NOT OF	RT - UNCONTROLLED AIRPORT				

	DATE LOCATION	AIRCRAFT DATA	INJ	JUR : (IES S M,	N	FLIGHT PURPOSE	PILOT DATA			
	8/24/74 VANCOUVER, WASH TIME - 1514	CESSNA 150 N8647S DAMAGE-DESTROYED	CR-	0	1	0	NONCOMMERCIAL				
	NAME OF AIRPORT - PEARSON DEPARTURE POINT VANCOUVER, WASH TYPE OF ACCIDENT COLLISION WITH AIRCRAFT	INTENDED DESTINATION VANCOUVER, WASH		L /	AST AF HASE LAN	EN LI O	ROUTE STOP NGTON,OREG F OPERATION NG FINAL APPROACH				
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC. PERSONNEL - MISCELLANEOUS-PERSONNEL PILOT OF OTHER AIRCRAFT										
	SPECIAL DATA SEGMENTS OF AVIATION INV CONTROLLING AGENCY - NO TRAFFIC ADVISORY ISSUED CONTROL ZONE/AREA - YES HORIZONTAL COLLISION ANG EVASIVE ACTION TAKEN - N REMARKS- STRAIGHT-IN APCH.	CONTROL - NONE LE-DEGREES - O D		R A C C C C V I A I	ADAF ON TF ON V E ER T : N T I -	RG CA	TL/SURVEILLANCE - NOT LED/UNCONTROLLED AIRPO ENCE ANGLE-DEGREES - C L COLLISION ANGLE-DEGG LLISION LIGHTS - NOT C				
3-4279	11/29/74 MT VERNON,WASH TIME - 1340	PIPER PA-32 N3863W DAMAGE-DESTROYED	PX-	0	0	0	INSTRUCTIONAL DUAL	COMMERCIAL, FL.INSTR., AGE 43, 8537 TOTAL HOURS, 31 IN TYPE, NOT INSTRUMENT RATED.			
	DEPARTURE POINT BELLINGHAM, WASH TYPE OF ACCIDENT COLLISION WITH AIRCRAFT	SEATTLE, WASH					F OPERATION IGHT NORMAL CRUISE	NATED.			
	PROBABLE CAUSE(S) PILOT IN COMMAND - FAILE PERSONNEL - MISCELLANEOU					г					
	SPECIAL DATA SEGMENTS OF AVIATION INV CONTROLLING AGENCY - NO TRAFFIC ADVISORY ISSUED HORIZONTAL COLLISION ANG ANTI-COLLISION LIGHTS - REMARKS- INADEQUATE ATTENT	CONTROL - NONE LE-DEGREES - 18 INSTALLED,OPERATION UNK	ADAF ON TE	C ROL	TL/SURVEILLANCE - NOT ZONE/AREA - YES						



			ONILI	3 01 A	CCI	DLIN	13						
FILE	DATE	LOCATION	AIRCRAFT DATA		JUR F			FLIGHT PURPOSE		PILOT DATA			
3-4279	TIME - 13	MT VERNON,WASH 340 E POINT	DAMAGE-DESTROYED	PX-	1	0	0			PRIVATE, AGE 20, 77 TOTAL HOURS, 23 IN TYPE, NOT INSTRUMENT RATED.			
		.E,WASH	RETURN										
	TYPE OF A	ACCIDENT		PHASE OF OPERATION									
	COLLISI	ON WITH AIRCRAFT	BOTH IN FLIGHT			ΙN	FL	IGHT OTHER					
		N COMMAND - OPERA	TED CARELESSLY S-PERSONNEL PILOT OF O	THER A	IRCI	RAF	т						
	SPECIAL D) Δ Τ Δ											
			OLVED - SMALL US GEN.AV	-SMAL	L U	S G	EN.	AV.					
		LING AGENCY - NO		_				TL/SURVEILLANCE -	R RADAR CONTACT				
	TRAFFIC	TRAFFIC ADVISORY ISSUED - NONE					CONTROL ZONE/AREA - YES						
	ANTI-CC	OLLISION LIGHTS -	LE-DEGREES - 18 INSTALLED OPPERATION UNK	NOWN	E	T REPURTED							
	FIRE AFTE	R IMPACT											
	REMARKS-	OBS STATED CESSNA	DOVE & THEN PULLED UP.										