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AL TRANSPORTATION SAFETY

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VF-ACRONAUTICS
Accidents

# BRIEFS OF ACCIDENTS INVOLVING

MIDAIR COLLISIONS

u.s. general aviation 1967



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NATIONAL TRANSPORTATION SAFETY BOARD Bureau of Aviation Safety Washington, D. C. 20591

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NATIONAL TRANSPORTATION SAFETY BOARD Bureau of Aviation Safety Washington, D. C. 20591

# FOREWORD

This report contains the Briefs of Accidents involving midair collisions occurring in 1967. There were 26 accidents involving this type of accident out of a total of 6,115 General Aviation accidents in 1967. There are no accident rates compiled for this type of accident due to unavailability of exposure data.

Collisions between aircraft are treated as one accident. A complete analysis and coding is done on each aircraft involved in collisions. This produces two aircraft accident records, one for each aircraft involved in the collision. Consequently, when compiling information accidents involving collisions between aircraft, the number of accidents records will exceed the number of accidents. The injury and cause/related tables show the number of accidents. All analytic tables show both records and accidents.

The Briefs of Accidents contain the essential items of information which fulfill the requirements of the majority of persons using these reports. However, for those having a need for more detailed information, the original factual reports on each accident are on file in the Washington office of the National Transportation Safety Board. Upon request these reports will be reproduced commercially at an average cost of 15¢ per page for printed matter and 75¢ per page for photographs, plus postage. (Minimum Charge \$1.00).

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Washington, D. C. 20591

# 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 stand-point 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

# ABBREVIATIONS

TIME

# MEANING

AERIAL ADVERTISE
AERIAL APPLIC
AIR SHOW/RACING
AIR SHOW/AIR RACING
AIR TAXI - CARGO
AIR TAXI - PASSG
ASSOC FIRE CTL
CARGO NS-D
CARGO NS-I
CARGO S-D
CARGO S-D
CARGO S-I
CARGO S-I
CARGO S-I
CONSTRUCTION
AERIAL APPLICATION
AERIAL APPLICATION
AIR TAXI - PASSENGER OPERATIONS
AIR TAXI - PASSENGER OPERATIONS
ASSOCIATED FIRE CONTROL ACTIVITIES
NONSCHEDULED/CHARTER REVENUE CARGO - I
SCHEDULED DOMESTIC CARGO SERVICE
CONSTRUCTION WORK AERIAL ADVERTISE AERIAL ADVERTISING NONSCHEDULED/CHARTER REVENUE CARGO - DOMESTIC NONSCHEDULED/CHARTER REVENUE CARGO - INTERNATIONAL CTR CARGO - D

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

CTR PASSG - I

CONTRACT CHARTER - PASSENGER - INTERNATIONAL

MAPPING/PHOTO

AERIAL MAPPING PHOTOGRAPHY

MIL/CTR CARGO

MIL/CTR CARGO D

MILITARY CONTRACT - CARGO - DOMESTIC

MIL/CTR CARGO I

MILITARY CONTRACT - CARGO - INTERNATIONAL

MIL/CTR PASSG

MILITARY CONTRACT - PASSENGER

MIL/CTR PASSG D

MILITARY CONTRACT - PASSENGER - DOMESTIC

MIL/CTR PASSG I

MILITARY CONTRACT - PASSENGER - DOMESTIC

MIL/CTR PASSG I

MILITARY CONTRACT - PASSENGER - INTERNATIONAL

NS CTR CARGO

NONSCHEDULED/CHARTER REVENUE CARGO - INTRA-STAM

NONSCHEDULED/CHARTER REVENUE PASSENGER - OTHER AIRCRAFT AND GROUND

OTHER PUBLIC

PARAJUMP

PASSC NONSCHEDULED/CHARTER REVENUE CARGO - INTRA-STATE CARRIER NONSCHEDULED/CHARTER REVENUE PASSENGER-INTRA-STATE CARRIER ALL OTHER PUBLIC 12
PARACHUTE JUMP
NONSCHEDULED/CHARTER REVENUE PASSENGER - DOMESTIC
NONSCHEDULED/CHARTER REVENUE PASSENGER - INTERNATIONAL
SCHEDULED DOMESTIC PASSENGER SERVICE
SCHEDULED INTERNATIONAL PASSENGER SERVICE
PASSENGER PARAJUMP PASSG NS-D PASSG NS-I PASSG S-D PASSG S-I PX-SCHED CARGO SRV SCHED PASSG SRV

LOCAL STANDARD TIME OF ACCIDENT

WBP FSF FLIGHT SERVICE PERSONNEL

INJURIES, ACCIDENTS MIDAIR COLLISIONS U. S. GENERAL AVIATION

1967

		FATAL	SERIOUS	MINOR	NONE	UNKNOWN	_	TOTAL
	PILOT COPILOT DUAL STUDENT CHECK PILOT FLIGHT ENGINEER NAVIGATOR CABIN ATTENDANT	25 2 2 2	3	3	18 2 3	<u> </u>		49 4 6
	EXTRA CREW PASSENGERS	17	1		1 8			26 26
	TOTAL	46	5	3	32		ABOARD	86
₹	* OTHER-AIRCRAFT OTHER-GROUND	111						11,1
	GRAND TOTAL	157	5	3	32			197

INVOLVES 26 TOTAL ACCIDENTS INVOLVES 20 FATAL ACCIDENTS

<sup>\*</sup> 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.

# KIND OF FLYING BY INJURY INDEX

# INJURY INDEX

KIND OF FLYING	rala,	SERIOUS MINO	HOHE	RECORDS	ACCIDENTS	PERCENT
INSTRUCTIONAL						
DUAL	3	2	1	6	5	12.24
SOLO	2			2	2	4.08
CHECK						
TRAINING	5		3	8	6	16.33
NONCOMMERC I AL						
PLEASURE	13		2	15	11	30.61
PRACTICE	3			3	3	6.12
BUSINESS	3			3	3 -	6.12
CORPORATE/EXECUTIVE	1			1	1	2.04
AERIAL SURVEY						
COMPANY FLIGHT						
OTHER						
COMMERCIAL						
AERIAL APPLICATION	1	1		. 2	. 2	4.08
ASSOCIATED CROP CONTROL ACTIV	1	1	2	4	3	8.16
FIRE CONTROL						
ASSOCIATED FIRE CONTROL ACTIV						
AERIAL MAPPING/PHOTOGRAPHY						
AERIAL ADVERTISING						'
POWER AND PIPELINE PATROL						
FISH SPOTTING	2			2	1	4.08
AIR TAXI-PASSENGER OPERATIONS						,
AIR TAXI-CARGO OPERATIONS						
CONSTRUCTION WORK						•
SCHEDULED PASSENGER SERVICE						
SCHEDULED CARGO SERVICE						
NONSCHEDULED/CHARTER REVENUE						
NONSCHEDULED/CHARTER REVENUE						
MILITARY CONTRACT-PASSENGER						
MILITARY CONTRACT-CARGO						
CONTRACT/CHARTER-CARGO-DOMEST						
CONTRACT/CHARTER-PASSENGER-DO						
CONTRACT/CHARTER-CARGO-INTERN						
CONTRACT/CHARTER-PASSENGER-IN						
OTHER						
UNK/NR						

PAGE

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# KIND OF FLYING BY INJURY INDEX

# INJURY INDEX

ENTA'SERIOUS NEW WOLF

KIND OF FLYING	4A	Sex	WILL	40			
					RECORDS	ACCIDENTS	PERCENT
MISCELLANEOUS							
EXPERIMENTATION							
TEST							
DEMONSTRATION	1				1	1	2.04
FERRY	1				1	1	2.04
SEARCH AND RESCUE							
AIR SHOW/AIR RACING							
PARACHUTE JUMP							
PARACHUTE JUMP IN CONNECTION							
TOWING GLIDERS							
SEEDING CLOUDS							
HUNTING							
POLICE PATROL							
ALL OTHER PUBLIC FLYING	1				1	1	2.04
OTHER							
UNK/NR							
RECORDS	37	2	2	8	49		
ACC IDENTS	20	1	1	4		26	
PERCENT	75.5	4.1	4.1 1	6.3			

# FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

# AIRCRAFT DAMAGE

DESPOYED STANTIAL

# FIRST TYPE OF ACCIDENT

RECORDS ACCIDENTS PERCENT

26

00.00

49

GROUND-MATER LOOP-SWERVE
DRAGGED WINGTIP, POD, OR FLOA
WHEELS-UP LANDING
WHEELS-DOWN LANDING IN WATER
GEAR COLLAPSED
GEAR RETRACTED
HARD LANDING
NOSE OVER/DOWN
ROLL OVER
OVERSHOOT
UNDERSHOOT
COLLISION BETHEEN AIRCRAFT
BOTH IN FLIGHT
ONE AIRBORNE
BOTH ON GROUND

COLLISION WITH GROUND/WATER CONTROLLED UNCONTROLLED COLLIDED WITH WIRES/POLES TREES RESIDENCE/S BUILDING/S FENCE, FENCEPOSTS ELECTRONIC TOWERS RUNWAY OR APPROACH LIGHTS AIRPORT HAZARD ANIMALS CROP FLAGMAN LOADER DITCHES SNOWBANK

PARKED AIRCRAFT AUTOMOBILE DIRT BANK OBJECT BIRD STRIKE 28 20 1

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# FIRST TYPE OF ACCIDENT BY AIRCRAFT DAMAGE

# AIRCRAFT DAMAGE

# FIRST TYPE OF ACCIDENT

OESTROYED STANTIAL MONE

RECORDS ACCIDENTS PERCENT

STALL SPIN SPIRAL MUSH FIRE OR EXPLOSION IN FLIGHT ON GROUND AIRFRAME FAILURE IN FLIGHT ON GROUND ENGINE TEARAWAY ENGINE FAILURE OR MALFUNCTION PROPELLER/ROTOR FAILURE PROPELLER TAIL ROTOR MAIN ROTOR PROPELLER/ROTOR ACCIDENT TO P JET INTAKE/EXHAUST ACCIDENT T PROPELLER/JET/ROTOR BLAST TURBULENCE HAIL DAMAGE TO AIRCRAFT LIGHTNING STRIKE EVASIVE MANEUVER UNCONTROLLED ALTITUDE DEVIATI MISSING AIRCRAFT, NOT RECOVER MISCELLANEOUS/OTHER UNDETERMINED

OTHER
RECORDS
ACCIDENTS
PERCENT

28 20 1 20 15 1 57.1 40.8 2.0 .0 49

26

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# FIRST PHASE OF OPERATION BY INJURY INDEX

INJURY INDEX

FIRST PERATIONAL PHASE	katal sto	COUSTOR	RECORDS	ACCIDENTS	PERCENT
STATIC					
STARTING ENGINE/S					
IDLING ENGINE/S					
ENGINE RUNUP					
IDLING ROTORS					
PARKED-ENGINES NOT OPERATING					
OTHER					
TAXI					
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	2.04
VERTICAL					
RUNNING					
ABORTED					
ABORTED					
ABORTED					
OTHER					
INFL IGHT					
CLIMB TO CRUISE					
NORMAL CRUISE	12	2	14	10	28.57
DESCENDING	1		1	1	2.04
HOLDING					
HOVERING					
POWER-ON DESCENT					
AUTOROTATIVE DESCENT					
ACROBATICS		1	1	1	2.04
01137710		•	•		

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BUZZING

UNCONTROLLED DESCENT

# FIRST PHASE OF OPERATION BY INJURY INDEX

# INJURY INDEX

FIRST PPERATIONAL PHASE	entaterious mudeo de		
		RECORDS ACCIDENT	IS PERCENT
EMERGENCY DESCENT			
LOW PASS			1 2.04
OTHER	1	<b>1</b>	2.04
EN ROUTE TO TREAT CROP			
EN ROUTE TO RELOADING AREA			
SURVEY FIELD/AREA			
STARTING SWATH RUN			
SWATH RUN			
FLAREOUT FOR SWATH RUN			
PULLUP FROM SWATH RUN	1 1	2	z 4.08.
PROCEDURE TURNAROUND			
CLEANUP SWATH			
MANEUVER TO AVOID OBSTRUCTION		_	
RETURN TO STRIP	1		1 2,04
LANDING			. 14.20
TRAFFIC PATTERN-CIRCLING	7		4 14.29
FINAL APPROACH	14 2 3	19 1	1 38-78
INITIAL APPROACH			
FINAL APPROACH			
LEVEL OFF/TOUCHDOWN			
ROLL			
ROLL-ON/RUN-ON			* *
POWER-ON LANDING			
POWER-OFF AUTOROTATIVE LANDIN			
GO-AROUND			
MISSED APPROACH			
OTHER			2 4.08
UNK/NR	2	2	2 4.08
RECORDS	37 2 2 8	49	
ACC IDENTS	20 1 1 4		26
PERCENT	75.5 4.1 4.1 16.3		

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# CAUSE/FACTOR TABLE

# MIDAIR COLLISION ACCIDENTS U. S. GENERAL AVIATION

INVOLVES 26 TOTAL ACCIDENTS INVOLVES 20 FATAL ACCIDENTS

		FAT	AL ACCID	ENTS	NONFATAL ACCIDENTS			ALL ACCIDENTS		
	BROAD CAUSE/FACTOR	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*	CAUSE	FACTOR	TOTAL*
	PILOT	80.00	15.00	16 80.00	100.00	16.67	100.00	22 84 <b>.</b> 62	4 15.38	22 84.62
	PERSONNEL	15 75.00	5 25•.00	85.00	100.00	1 16.67	100.00	80.77	23 <b>.</b> 08	23 88.46
	AIRFRAME	•00	•00	•00	•00	<b>.</b> 00	.00	-00	.00	•00
	LANDING GEAR	<b>.</b> 00	•00	<b>-</b> 00	•00	•00	•00	.00	00	<b>.</b> 00
	POWERPLANT	• 0 0.	.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	5.00	5.00	.00	•00	•00	·• 00	3.85	3.85
	WEATHER	•00	1 5.00	5.00	•00	•00	•00	•00	1 3.85	3.85
	TERRAIN	.00	•00	.00	•00	•00	•00	. 00	•00	.00
	MISCELLANEOUS W	.00	•00	•00	.00	•00	•00	.00	•00	• •00
	UNDETERMINED	10.00	•00	10.00	<b>.</b> 00	.00	•00	2 7.69	•00	7.69

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

<sup>\*</sup> 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 COLLISION ACCIDENTS

# INVOLVES 26 TOTAL ACCIDENTS INVOLVES 20 FATAL ACCIDENTS

	FATAL ACCIDENTS			NONFA	TAL ACCI	DENTS	ALL ACCIDENTS		
DETAILED CAUSE/FACTOR	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL	CAUSE	FACTOR	TOTAL
** PILOT **									
PILOT IN COMMAND DIVERTED ATTENTION FROM OPERATION OF AIRCRAFT FAILED TO SEE AND AVOID OTHER AIRCRAFT FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES ETC IMPROPER IFR OPERATION INADOQUATE SUPERVISION OF FLIGHT EXERCISED POOR JUDGMENT MISJUDGED ALTITUDE AND CLEARANCE	21 1	1 3	22 4 1	3 1 1	1	1 5 3 1 1	25 1 1 3	2 3	27 4 1 3 1
SUBTOTAL	23	4	27	10	1	11	33	5	38
DUAL STUDENT FAILED TO SEE OTHER AIRCRAFT				3		3	3		3
SUBTOTAL				3		3	3		3
** PERSONNEL **									
FLIGHT INSTRUCTOR MAINTENANCE, SERVICING, INSPECTION OPERATIONAL SUPERVISORY PERSONNEL WEATHER PERSONNEL TRAFFIC CONTROL PERSONNEL INADEQUATE SPACING OF AIRCRAFT		2 3	2 3				•	2 3	2 3
OTHER SPECIFIC OF AIRCRAFT OTHER OTHER OTHER OTHER AIRWAYS FACILITIES PERSONNEL PRODUCTION—DESIGN MISCELLAREOUS—PERSONNEL PILOT OF OTHER AIRCRAFT THIRD PILOT THIRD PILOT	20	3	23	8	1	9	. 28	4	3
FLIGHT ÉNGINEER DISPATCHING								:	
SUBTOTAL	20	8	28	8	ĺ	9	28	9	37
** AIRPORTS/AIRWAYS/FACILITIES **									
AIRPORT FACILITIES AIRPORT CONDITIONS AIRMAYS FACILITIES OTHER		1	1					. 1	1
SUBTOTAL		1	1					1	1
** WEATHER **									
OBSTRUCTIONS TO VISION		2	2					2	2
SUBTOTAL		2	2					- 2	2
GRAND TOTAL	43	15	58	21	2	23	64	17	81
** MISCELLANEOUS ACTS, CONDITIONS **						,			
CORRECTING LENSES-NOT USED SEPARATION IN FLIGHT CONGESTED TRAFFIC-PATTERN OR RAMP SUNGLARE		1 1 6 2	1 1 6 2					1 6 2	1 1 6 2

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# CAUSE/FACTOR TABLE

MISCELLANEOUS ACTS, CONDITIONS (CONTINUED)

FATAL ACCIDENTS NONFATAL ACCIDENTS ALL ACCIDENTS

CAUSE FACTOR TOTAL CAUSE FACTOR TOTAL

AIRCRAFT CAME TO REST IN WATER

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

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# NATIONAL TRANSPORTATION SAFETY BOARD

DEPARTMENT OF TRANSPORTATION

WASHINGTON, D.C.20591

BRIEFS OF ACCIDENTS

INVOLVING MIDAIR CULLISIONS

U. S. GENERAL AVIATION

1967

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJUR				FLIGHT PURPOSE	PILOT DAT	<b>A</b>	
1-0602	3/9/67 NR.URBANA,OHIO BEECH B-55 CR- 1 C O NONCOMMERCIAL PRIVATE, AGE 54, 4074 TOTAL TIME - 1154 N-6127V PX- 6 C O BUSINESS HOURS, 575 IN TYPE.  DAMAGE -DESTROYED OT- 25 C O  TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT INFLIGHT NORMAL CRUISE										
	FACTOR AIRWAYS F	EGUS-PERSONNEL - OTHE	₹		.ATC	Sì	'S I	NADQT TO SEPARATE M	KD CTLD AND	UNCTLD TFC.	
1-0005	TIME - 1101  TYPE OF ACCI COLLISION  PROBABLE CAU PILOT IN FACTOR TRAFFIC C FIRE AFTER I	DENT WITH AIRCRAFT BO SE COMMAND — IMPROP ONTROL PERSONNEL —	N-3121S DAMAGE -DESTROYED  IH IN FLIGHT  ER IFR OPERATION  OTHER	PX- OT-	1 79 P	C O HAS	C C SE OI NFL	NONCOMMERCIAL CORP/EXEC F OPERATION IGHT NORMAL CRUISE	10000 TOTA	FL.INSTR., AGE 48, L HOURS, 11 IN TYPE.	

DOCKET	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
1-0067	6/22/67 NR.SAIGON,SO.VIET TIME - 2118 TYPE OF ACCIDENT COLLISION WITH AIRCRAFT FIRE AFTER IMPACT	NAM MCDONNELL RF4C U-SAF 65861 DAMAGE -DESTROYED BOTH IN FLIGHT	CR- 0 0 2 PX- 0 0 0 OT- 7 0 0 PHASE OF LANDI	MISCELLANEOUS OTHER PUBLIC OPERATION NG FINAL APPROACH	AGE UNKNOWN, UNKNOWN TOTAL HOURS, UNKNOWN IN TYPE.
2-0046	REMARKS- INVESTIGATION UNDE				STUDENT, AGE 22, 51 TOTAL
	TIME - 0815  TYPE OF ACCIDENT COLLISION WITH AIRCRAFT	N-35375 DAMAGE -SUBSTANTIA BOTH IN FLIGHT	PX- 0 0 0 L OT- 0 0 1 PHASE OF INFLI	TRAINING  OPERATION GHT ACROBATICS	STUDENT, AGE 22, 51 TOTAL HOURS, ALL IN TYPE.
	PROBABLE CAUSE PILOT IN COMMAND - FAI MISCELLANEOUS-PERSONNEL EMERGENCY CIRCUMSTANCES - F S REMARKS- PLTS WERE UN UNREI	<ul> <li>PILOT OF OTHER AIR RECAUTIONARY LANDING O USPECTED OR KNOWN AIRO</li> </ul>	CRAFT IN AIRPORT RAFT DAMAGE		
2-0046	1/24/67 OPA LOCKA, FLA TIME - 0815 TYPE OF ACCIDENT COLLISION WITH AIRCRAFT	CESSNA 150 N-8268S DAMAGE -SUBSTANTIA BUTH IN FLIGHT	CR- 0 C 1 PX- 0 0 0 L OT- 0 0 1 PHASE OF INFLI	INSTRUCTIONAL TRAINING OPERATION GHT NORMAL CRUISE	PRIVATE, AGE 23, 121 TOTAL HOURS, ALL IN TYPE.
	PROBABLE CAUSE PILOT IN COMMAND - FAI MISCELLANEOUS-PERSONNEL EMERGENCY CIRCUMSTANCES - FAI REMARKS- PLTS WERE ON UNREA	<ul> <li>PILOT OF OTHER AIR RECAUTIONARY LANDING OF SUSPECTED OR KNOWN AIRC</li> </ul>	CRAFT IN AIRPORT CRAFT DAMAGE		
2-0088	2/1/67 HUNTINGTON B,CAL TIME - 1345 TYPE OF ACCIDENT	CESSNA 150F N-8910S DAMAGE -SUBSTANTIA	CR- 0 0 2 PX- 0 0 0 L OT- 0 1 1	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 25, 593 TOTAL HOURS, 269 IN TYPE.
	TYPE OF ACCIDENT COLLISION WITH AIRCRAFT  PROBABLE CAUSE DUAL STUDENT - FAILED PILOT IN COMMAND - IN MISCELLANEOUS-PERSONNEL EMERGENCY CIRCUMSTANCES - I REMARKS- PILOT IN N9045J OF	BOTH IN FLIGHT  TO SEE OTHER AIRCRAFT DEQUATE SUPERVISION OF PILOT OF OTHER AIR ORCED LANDING ON AIRPE	LANDI: FLIGHT RCRAFT RT/SEAPLANE BASE	NG FINAL APPROACH	

PAGE 2

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJUR	ES F	s	M/N	FLIGHT PURPOSE	PILOT DATA
2-0088	2/1/67 HUNT TIME - 1345	INGTON B,CAL		CR- PX- L OT-	0	1 0 0	1 0 2	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 36, 6318 TOTAL HOURS, 30 IN TYPE.
	PROBABLE CAUSE DUAL STUDEN PILOT IN CO MISCELLANED EMERGENCY CIRC	: IT - FAILED TO IMMAND - INADE US-PERSONNEL - UMSTANCES - FOR	SEE OTHER AIRCRAFT QUATE SUPERVISION OF PILOT OF OTHER AIR: CED LANDING ON AIRPO OWNWIND/TURNING BASE	FLIGH CRAFT RT/SEA	T™ PLA	NE	BASE/	HEL I PORT	LONG LOW FINAL.
2-0241	6/10/67 VINT TIME - 0900 TYPE OF ACCIDE	ON, LA	BOEING A75 N-50076 DAMAGE -DESTROYED OTH IN FLIGHT	CR- PX- OT-	1 0 0	0 1 1	0 0 0 SE OF	COMMERCIAL AERIAL APPLIC	COMMERCIAL, FL. INSTR., AGE 42, 10000 TOTAL HOURS, UNKNOWN IN TYPE.
	PROBABLE CAUSE PILOT IN CO FACTOR MISCELLANEO FIRE AFTER IMP	E IMMAND - FAILE DUS-PERSONNEL - PACT	D TO SEE AND AVOID O	THER A	I RC	RAI	FT		A LOCATED NEXT TO STRIP.
2-0241	6/10/67 VINT TIME - 0900 TYPE OF ACCIDE COLLISION E	ON,LA ENT EITH AIRCRAFT E	BOEING A75 N-55374 DAMAGE -DESTROYED OTH IN FLIGHT	CR- PX- OT-	0 0 1	1 0 0 PHA:	O O O SE OF LANDIN	COMMERCIAL AERIAL APPLIC OPERATION G FINAL APPROACH	COMMERCIAL, AGE 27, 3000 TOTAL HOURS, ALL IN TYPE.
	PROBABLE CAUSE MISCELLANEO FACTOR PILOT IN CO	: DUS-PERSONNEL - DMMAND - FAILE	PILOT OF OTHER AIR	CRAFT THER A	IRC	RA	FΤ		A LOCATED NEXT TO STRIP.
2 <del>-</del> 0416	6/7/67 LAKI TIME - 0645 TYPE OF ACCIDE COLLISION E	E JEM,FLA ENT LITH AIRCRAFT E	BOEING A75N N-52277 DAMAGE -SUBSTANTIA OTH IN FLIGHT	CR- PX- L OT-	0 0 0	0 0 0 PHA	1 0 1 SE OF INFLIG	COMMERCIAL AERIAL APPLIC OPERATION OF PULLUP FROM S	COMMERCIAL, FL. INSTR., AGE 39, 3000 TOTAL HOURS, 1028 IN TYPE.
	PROBABLE CAUSE PILOT IN CO PILOT IN CO	E DMMAND - MISJU BASKA - DNAMMO	DGED ALTITUDE AND CL	EARANC	E				NT AIRSTRIP ADJ TO FIELD.

DOCKET	DATE LOCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA
-0416	6/7/67 LAKE JEM,FLA TIME - 0645		CR- 0 0 1 PX- 0 C 0	COMMERCIAL AERIAL APPLIC	AIRLINE TRANSPORT, AGE 40, 10000 TOTAL HOURS, 2000 IN TYPE.
	COLLISION WITH AIRCRAFT	BOTH IN FLIGHT	TAKEOF	F INITIAL CLIMB	
	PROBABLE CAUSE MISCELLANEOUS-PERSONNEL REMARKS- PLT 52277 MADE PUL			AKING W.T/O FROM	AIRSTRIP ADJACENT TO FLD
-0508		PIPER PA-22 N-1639P DAMAGE -DESTROYED	OT- 0 0 4		COMMERCIAL, FL. INSTR., AGE 21, 635 TOTAL HOURS, 13 IN TYPE.
	TYPE OF ACCIDENT COLLISION WITH AIRCRAFT	BOTH IN FLIGHT	PHASE OF INFLIG	OPERATION HT NORMAL CRUISE	
	PROBABLE CAUSE PILOT IN COMMAND - FA: MISCELLANEOUS-PERSONNEL REMARKS- PLT IN N2324S FAIL	- PILOT OF OTHER AIRC	RAFT		
-0508	3/28/67 LONG BEACH, CALIF TIME - 1515	CESSNA T337 N-2324S DAMAGE -SUBSTANTIAI		MISCELLANEOUS DEMONSTRATION	COMMERCIAL, AGE 46, 4880 TOTAL HOURS, 250 IN TYPE.
	TYPE OF ACCIDENT COLLISION WITH AIRCRAFT		PHASE OF	OPERATION SHT DESCENDING	
	PROBABLE CAUSE PILOT IN COMMAND - FA. MISCELLANEOUS-PERSONNEL				
	FACTOR MISCELLANEOUS ACTS, COND. REMARKS- PIC IN RT FT SEAT		GS TO PAX/PLT IN	L.FT SEAT-ALERTED	TO N1639P BY BCK ST PAX
-0513	8/1/67 BROWN, CALIF TIME - 0647	CESSNA 210B N-9771X	CR- 1 0 0 PX- 2 0 0	NONCOMMERCIAL PLEASURE	
	TYPE OF ACCIDENT COLLISION WITH AIRCRAFT	DAMAGE -DESTROYED	OT- 1 0 0 PHASE OF	OPERATION	
	PROBABLE CAUSE MISCELLANEOUS - UNDET	ERMINED			

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DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJURIES F	S M/N	FLIGHT PURPOSE	PILOT DATA
	8/1/67 BRO TIME - 0647	WN, CALIF		CR- 1 PX- 0	0 0	NONCOMMERCIAL PRACTICE	AGE 35, 3082 TOTAL HOURS, 17 IN TYPE.
	PROBABLE CAUS MISCELLANE FIRE AFTER IN	SE OUS - UNDETER	MINED				
2-0538	TIME - 1600		N-4226J	PX- 0	0 0	TRAINING	STUDENT, AGE 36, 33 TOTAL HOURS, ALL IN TYPE.
	PROBABLE CAUS PILOT IN C FACTOR	SE COMMAND - FAIL	BOTH IN FLIGHT  ED TO SEE AND AVOID O	THER AIRC	RAFT		
2-0538			CESSNA 172F N-5507R DAMAGE -DESTROYED BOTH IN FLIGHT	OT- 1	0 0		PRIVATE, AGE 50, 113 TOTAL HOURS, 19 IN TYPE.
	PROBABLE CAUS MISCELLANE FACTOR MISCELLANE	SE EDUS-PERSONNEL - EDUS ACTS,CONDIT	PILOT OF OTHER AIR IONS - AIRCRAFT CAM TU SEE AND AVOID N53	CRAFT E TO REST			
2-0640			BEECH V35 N-911X DAMAGE -DESTROYED BOTH IN FLIGHT	OT- 0	0 1		PRIVATE, AGE 31, 1406 TOTAL HOURS, 682 IN TYPE.
	PROBABLE CAUS PILOT IN C MISCELLANE	SE COMMAND — FAIL COUS—PERSONNEL —	ED TO SEE AND AVOID O PILOT OF OTHER AIR	THER AIRC	RAFT		-COLLISION LITE INSTLD.

			BRIEFS	UF ACC	TOEN						
DOCKET	DATE	LOCATION	AIRCRAFT DATA				FLIGHT PURPOSE	PILOT DATA			
2-0640			MCDONNELL RF-101 U-SNG541483 DAMAGE -SUBSTANTI	AL OT-	1 '	0 0		COMMERCIAL, TOTAL HOURS,	AGE 36, 1686 128 IN TYPE.		
	TYPE OF ACCIDENT COLLISION WIT	H AIRCRAFT B	OTH IN FLIGHT		PH.	ASE O	F OPERATION IGHT NORMAL CRUISE				
	PROBABLE CAUSE PILOT IN COMM. MISCELLANEOUS EMERGENCY CIRCUM	AND - FAILE -PERSUNNEL - STANCES - LAT SUS	D TO SEE AND AVOID PILOT UF OTHER AIDERAL CONTROL PROBLES PECTED OR KNOWN AIR	OTHER A RCRAFT M	AIRCR.	AFT					
	FIRE AFTER IMPAC REMARKS- ANG WX		N911X FAILED TO SEE	AND AV	OID.	4NG-54	41483.ANG ACFT CAMO	DUFLAGED, NO ANTI	-COLL.LT.		
2-0641	5/30/67 PHOENI TIME - 1145	(,ARIZ	CESSNA 182G N-3751U DAMAGE -DESTROYED	CR- PX- OT-	1 8 3 8	0 0 0 2	NONCOMMERCIAL PLEASURE	COMMERCIAL, TOTAL HOURS,	AGE 43, 3800 UNKNOWN IN TYPE		
	TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH IN FLIGHT PHASE OF OPERATION INFLIGHT NORMAL CRUISE										
	PROBABLE CAUSE MISCELLANEOUS	-PERSONNEL -	PILOT OF OTHER AI	RCRAFT							
2-0641			LOCKHEED T-33A U-SAF80653 DAMAGE -SUBSTANTI	AL UI-	4	JU			TOTAL HOURS, 1000		
	TYPE OF ACCIDENT COLLISION WIT	H AIRCRAFT B	OTH IN FLIGHT		PHASE OF OPERATION Inflight normal cruise						
	EMERGENCY CIRCUM	STANCES - PRE SUS	D IO SEE AND AVOID CAUTIONARY LANDING PECTED OR KNOWN AIR NOT HOLD ANY FAA RA	ON AIRE CRAFT (	PORT						
2-0782	10/13/67 TCHULA TIME - 1030	MISS	BOEING A75N1 N-50149	CR- PX-	0	0 1	COMMERCIAL AERIAL APPLIC	COMMERCIAL, TOTAL HOURS,	AGE 55, 12500 2500 IN TYPE.		
	TYPE OF ACCIDENT COLLISION WIT	H AIRCRAFT B	OTH IN FLIGHT	4E 01-	- 0 0 1 COMMERCIAL COMMERCIAL, AGE 55, 125 - 0 0 0 AERIAL APPLIC TOTAL HOURS, 2500 IN TYPE - 0 0 1 PHASE OF OPERATION INFLIGHT RETURN TO STRIP						
	PROBABLE CAUSE PILOT IN COMM	AND - FAILE	D TO SEE AND AVOID TED ATTENTION FROM	OTHER A	AIRCR	AFT					
	EMERGENCY CIRCUM	STANCES - PRE SUS	PILOT OF OTHER AI CAUTIONARY LANDING PECTED OR KNOWN AIR	ON AIRF CRAFT [	PORT Damag		TO CYMAL CERNON NO	E0140 BOTH ACET	IND OK		
	FACTOR MISCELLANEOUS EMERGENCY CIRCUM	-PERSONNEL - STANCES - PRE SUS	PILOT OF OTHER AI CAUTIONARY LANDING	RCRAFT ON AIRF CRAFT [	PORT DAMAG	E		50149 <b>.</b> BOTH ACFT	LND OK.		

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DOCKET	DATE LOCATION	AIRCRAFT DATA	INJUR	IES F	S M/N	PURPOSE	PILOT DATA			
2-0782	10/13/67 TCHULA,MISS TIME - 1030	BOEING E75N1 N-66585 DAMAGE -SUBSTANTIA	PX-	0	0 0 0 1	COMMERCIAL AERIAL APPLIC	COMMERCIAL, TOTAL HOURS,	AGE 41, 8826 5000 IN TYPE.		
	TYPE OF ACCIDENT COLLISION WITH AIRCRAF	T BOTH IN FLIGHT				F OPERATION Ing Final Approach				
	PROBABLE CAUSE MISCELLANEOUS-PERSONNE FACTOR	L - PILOT OF OTHER AIR	CRAFT							
	PILOT IN COMMAND - 1 EMERGENCY CIRCUMSTANCES -	SUSPECTED OR KNOWN AIRC	N AIRP RAFT D	ORT AMAG	E					
	REMARKS- N66585 STRUCK N5	0149 UPON COMPLETION OF	TURN T	O FI	NAL.N	50149 WAS IN LEVEL	FLT.BOTH ACFT	LND SAFELY		
2-0924	8/28/67 TANGIER,VA TIME - 1328	CESSNA 182 N-3546U DAMAGE -DESTROYED	nt-	1	0 - 0			AGE 36, 10000 UNKNOWN IN TYPE.		
	TYPE OF ACCIDENT COLLISION WITH AIRCRAF	T BOTH IN FLIGHT		PH	INFL	F OPERATION IGHT NORMAL CRUISE				
	PROBABLE CAUSE  MISCELLANEOUS - UNDETERMINED  FACTOR MISCELLANEOUS ACTS, CONDITIONS - AIRCRAFT CAME TO REST IN WATER									
	REMARKS- ONE OR BOTH PILO	ITS DEPARTED THEIR ASSIGN	IED ALI	TIUE	E.					
2-0924	8/28/67 TANGIER,VA TIME - 1328	CHAMPION 7ECA N-9645S DAMAGE -DESTROYED	PX- OT-	0	0 0	FISH SPOTTING	COMMERCIAL, TOTAL HOURS,	AGE 36° NUKNOMN		
	TYPE OF ACCIDENT COLLISION WITH AIRCRAS	T BOTH IN FLIGHT		PH	INFL	F OPERATION IGHT NORMAL CRUISE				
	PROBABLE CAUSE MISCELLANEOUS - UNDEFACTOR	TERMINED								
		IDITIONS - AIRCRAFT CAM OTS DEPARTED THEIR ASSIGN	IE TO R IED ALT	EST ITUC	IN WA	TER				
2-0938	7/15/67 SEPULVEDA, CALII TIME - 0742	PIPER PA-28 N-5966W DAMAGE -DESTROYED				NONCOMMERCIAL PLEASURE	PRIVATE, A HOURS, 28 IN	GE 45, 270 TOTAL TYPE.		
	TYPE OF ACCIDENT COLLISION WITH AIRCRAI	T BOTH IN FLIGHT				F OPERATION ING TRAFFIC PATTER	N-CIRCLING			
		FAILED TO SEE AND AVOID C EL - PILOT OF OTHER AIR		IRCF	AFT					

DOCKET	DATE LOCA	ATIÚN AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE									
2-0938	7/15/67 SEPULVEDA, TIME - 0742	CALIF BEECH C-45H N-611WP	CR- 0 0 1 PX- 0 0 0	MISCELLANEOUS FERRY	COMMERCIAL, FL. INSTR., AGE 46, 3650 TOTAL HOURS, 100 IN TYPE.								
	TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIKCRAFT 80TH IN FLIGHT LANDING TRAFFIC PATTERN-CIRCLING												
	PROBABLE CAUSE MISCELLANEOUS-PER:	PROBABLE CAUSE MISCELLANEOUS-PERSONNEL - PILOT OF OTHER AIRCRAFT PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT											
	PILOT IN COMMAND - EMERGENCY CIRCUMSTAN	PILOT IN COMMAND - FAILED TO FOLLOW APPROVED PROCEDURES, DIRECTIVES, ETC  EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT  SUSPECTED OR KNOWN AIRCRAFT DAMAGE											
	REMARKS - PIPER N5966	W ON EXTENDED DOWNWIND.BEE	CH N611WP ON BASE L	EG. BOTH PLTS WAR	NED OF TRAFFIC BY TOWER.								
2-0965	10/29/67 OTAY, CALIF TIME - 1400	CESSNA 150 N-6661F Damage -mingr	CR- 0 0 2 PX- 0 0 0 OT- 0 0 1	INSTRUCTIONAL DUAL	COMMERCIAL, FL. INSTR., AGE 44, 1550 TOTAL HOURS, 400 IN TYPE.								
	10/29/67 OTAY, CALIF CESSNA 150 CR- 0 C 2 INSTRUCTIONAL COMMERCIAL, FL. INSTR., AGE 44 TIME - 1400 N-6661F PX- 0 0 0 DUAL 1550 TOTAL HOURS, 400 IN TYR  TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH IN FLIGHT LANDING FINAL APPROACH												
	PROBABLE CAUSE DUAL STUDENT - PILOT IN CUMMAND - EMERGENCY CIRCUMSTAN	FAILED TO SEE OTHER AIRCRA - INADEQUATE SUPERVISION CES - PRECAUTIONARY LANDIN	FT OF FLIGHT G ON AIRPORT										
	SUSPECTED OR KNOWN AIRCRAFT DAMAGE REMARKS- N6661F COLLIDED WITH N7192F AFTER TURNING FINAL FROM SHORT BASE LEG.N7192F ON FINAL AT LOWER ALT.												
2-0965	10/29/67 OTAY,CALIF TIME - 1400	CESSNA 150 N-7192F DAMAGE -SUBSTAN	CR- 0 0 1 PX- 0 0 0 TIAL OT- 0 0 2	INSTRUCTIONAL TRAINING	STUDENT, AGE 34, 13 TOTAL HOURS, ALL IN TYPE.								
	TYPE OF ACCIDENT COLLISION WITH AI	RCRAFT BOTH IN FLIGHT	PHASE OF LANDI	OPERATION NG FINAL APPROAC									
	PROBABLE CAUSE MISCELLANEOUS-PERSONNEL - PILOT OF OTHER AIRCRAFT EMERGENCY CIRCUMSTANCES - PRECAUTIONARY LANDING ON AIRPORT SUSPECTED OR KNOWN AIRCRAFT DAMAGE												
2-1603					PRIVATE, AGE 30, 102 TOTAL HOURS, 1 IN TYPE.								
	TYPE OF ACCIDENT COLLISION WITH AI	RCRAFT BOTH IN FLIGHT	PHASE OF LANDI	OPERATION NG FINAL APPROAC	н								
	PROBABLE CAUSE PILOT IN COMMAND FACTOR MISCELLANEOUS ACT MISCELLANEOUS-PER REMARKS- N1754F STRU												

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJUR	IES F	s	M/N	FLIGHT N PURPOSE	PILOT DATA
2-1003	11/5/67 TIME - 17	GREELEY,COLG OG	PIPER PA-28 N-8525M DAMAGE -DESTROYED OTH IN FLIGHT	CR- PX-	2	0	0	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 42, 650 TOTAL HOURS, 2 IN TYPE.
	PROBABLE C PILOT II PILOT II FACTOR MISCELL MISCELL	AUSE N COMMAND - FAILE N COMMAND - FAILE ANEOUS ACTS,CONDITI ANEOUS-PERSONNEL -	D TO SEE AND AVOID O D TO FOLLOW APPROVED ONS — CONGESTED TR PILOT OF OTHER AIR M TO EXISTING TRAFFI	THER A PROCE AFFIC- CRAFT	IRC DUR PAT	RAF ES:	FT ,DIR	RECTIVES,ETC DR RAMP	CONTROLLED.
:-1029	6/28/67 TIME - 19	SO.ST-PAUL, MINN u7 Cident	BEECH D35 N-29308 DAMAGE -SUBSTANTIA	CR- PX- L OT-	0 0 1 P	0 0 1 HAS	1 1 0 SE 0	NONCOMMERCIAL PLEASURE DF OPERATION	PRIVATE, AGE 29, 199 TOTAL HOURS, 50 IN TYPE.
	TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH IN FLIGHT PHASE OF OPERATION LANDING FINAL APPROACH								
	FACTOR PILOT I	N COMMAND - FAILE N COMMAND - FAILE CIRCUMSTANCES - FOR SUS	D TO SEE AND AVOID O D TO FOLLOW APPROVED CED LANDING OFF AIRP PECTED OR KNOWN AIRC	PROCES ORT ON RAFT D	DUR La Ama	ES, ND GE	, DIR		
	REMARKS- N	29308 MADE LONG STR	AIGHT-IN APPROACH, OV	ERTOOK	AN	D S	STRU	ICK N3160X. N2930B L	ANDED OFF RNWY.
-1029	6/28/67 : TIME - 19	SO.ST-PAUL,MINN D7	CESSNA 150G N-3160X DAMAGE -DESTROYED	CR- PX- OT-	1 0 0	1 0 0	0 0 2	INSTRUCTIONAL Dual	COMMERCIAL, FL. INSTR., AGE 48, 2538 TOTAL HOURS, 510 IN TYPE
	TYPE OF ACCIDENT PHASE OF OPERATION							OF OPERATION Ding Final Approach	
	PROBABLE C.	AUSE Aneous-Personnel -	PILOT OF OTHER AIR AIGHT-IN APPROACH,OV	CRAFT					RASHED ON RNWY.
-1043									STUDENT, AGE 44, 82 TOTAL HOURS, 4 IN TYPE.
	TYPE OF ACC	CIDENT ON WITH AIRCRAFT B	OTH IN FLIGHT		P	HAS L	SE C	OF OPERATION Ding final approach	
	PROBABLE C	AUSE ANEOUS-PERSONNEL -	PILOT OF OTHER AIR IND N43350 PRIOR TO	CRAFT					TS OF SITUATION.

DOCKET	DATE	LOCATION	AIRCRAFT DATA	INJUR	IES F	SM	/N	FLIGHT PURPOSE	PILOT DAT	Α	
2-1043	8/1/67 LE TIME - 1920	E MARS,IOWA	PIPER PA-28 N-7589R DAMAGE -SUBSTANTIA	CR- PX- L OT-	0 0 1	0 0	1 0 0	INSTRUCTIONAL TRAINING	STUDENT, HOURS, ALL	AGE 16, 14 TOTAL IN TYPE.	
	8/1/67 LE MARS,IUMA PIPER PA-28 CR- 0 C 1 INSTRUCTIONAL STUDENT, AGE 16, 14 TO TIME - 1920 N-7589R PX- 0 C O TRAINING HOURS, ALL IN TYPE.  DAMAGE -SUBSTANTIAL OT- 1 C O PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT LANDING FINAL APPROACH										
	FACTOR MISCELLAN	COMMAND - FAIL	ED TO SEE AND AVOID O CONS — SUNGLARE IIND N43350 PRIOR TO					M TRIED TO WARN PLT	S OF SITUAT	ION.	
2-1073	3/14/67 SI TIME - 1435	[MI•CALIF 5	CESSNA 15GF N-7911F DAMAGE -SUBSTANTIA	CR- PX- L OT-	0 0	0 0	1 0 2	NONCOMMERCIAL PLEASURE	PRIVATE, HOURS, 11	AGE 35, 326 TOTAL IN TYPE.	
	3/14/67 SIMI, CALIF CESSNA 15GF CR- 0 0 1 NONCOMMERCIAL PRIVATE, AGE 35, 326 TOTAL TIME - 1435 N-7911F PX- C 0 0 PLEASURE HOURS, 11 IN TYPE.  TYPE OF ACCIDENT PASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT INFLIGHT OTHER										
	EMERGENCY C	IRCUMSTANCES - PRI SU:	ED TO SEE AND AVOID O CAUTIONARY LANDING O SPECTED OR KNOWN AIRC 3560G 40 FT BELOW AT	N AIRP RAFT C	ORT	E			911F STRUCK	. N8560G.	
2-1073	3/14/67 SI TIME - 1410	IMI•CALIF )	CESSNA 150 N-8560G DAMAGE -SUBSTANTIA	CR- PX-	0	0 0	1	NUNCOMMERCIAL PLEASURE	PRIVATE, HOURS, 86	AGE 22, 155 TOTAL IN TYPE.	
	TYPE OF ACCI	IDENT N WITH AIRCRAFT (	BOTH IN FLIGHT		PF	IĂS E I N	OF FLI	OPERATION GHT NORMAL CRUISE			
	PROBABLE CAU MISCELLAN EMERGENCY CI	JSE NEOUS-PERSUNNEL - IRCUMSTANCES - FOI SU:	PILOT OF OTHER AIR CED LANDING UFF AIRP SPECTED OR KNOWN AIRC 3560G 40 FT BELOW AND	CRAFT ORT ON RAFT C	LAN DAMAG	ID SE				.K N8560G.	
2-1160	9/3/67 NF TIME - 1145	R.BLOCKER,OKLA	PIPER PA-16 N-5746H DAMAGE -DESTROYED	CR- PX- OT-	1 3 6	0 0	C 0 2	NONCCMMERCIAL PLEASURE	PRIVATE, HOURS, 238	AGE 42, 366 TOTAL IN TYPE.	
	COLLISION	9/3/67 NR.BLOCKER,OKLA PIPER PA-16 CR- 1 C C NONCOMMERCIAL PRIVATE, AGE 42, 366 TOT TIME - 1145 PA-5746H PX- 3 C C PLEASURE HOURS, 238 IN TYPE.  TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH IN FLIGHT INFLIGHT NORMAL CRUISE									
	FACTUR MISCELLAN	COMMAND - FAIL	ED TO SEE AND AVOID O IGNS — SEPARATION I RED EMPENNAGE OF N574	N FLIG		AFT					

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	DATE	LUCATION	AIRCRAFT DATA	INJUR	IES F S	M/N	FLIGHT PURPOSE	PILOT DATA
2-1100	9/3/67 NR TIME - 1145	.BLOCKER,OKLA	PIPER PA-28 N-6322W Damage -suastantia	CR- PX-	0 0	1 1 0	NUNCOMMERCIAL PLEASURE	PRIVATE, AGE 50, 147 TOTAL HOURS, 113 IN TYPE.
	TYPE OF ACCI	DENT 'WITH AIRCRAFT !	BOTH IN FLIGHT		PHA	SE OF INFLI	OPERATION GHT NORMAL CRUIS	
	PROBABLE CAU	SE EOUS-PERSONNEL -	PILOT OF OTHER AIR	CRAFT				FROM BENEATH N6322#.
2-1104	10/8/67 LA TIME - 0926	S VEGAS, NEV	CESSNA 150G N-3229J DAMAGE -DESTROYED	CR- PX- OT-	1 0 6 0 1 0	0	INSTRUCTIONAL SOLO	STUDENT, AGE 20, 15 TOTAL HOURS, ALL IN TYPE.
	TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BUTH IN FLIGHT  PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING							
	PROBABLE CAU	SE EOUS-PERSONNEL -	PILOT OF OTHER AIR AD,BELOW AND INSIDE W	CRAFT				
2-1104	10/8/67 LA TIME - 0926	S VEGAS, NEV	CESSNA 172 N-6629A DAMAGE -DESTROYED	CR- PX-	1 0	0	INSTRUCTIONAL TRAINING	STUDENT, AGE 50, 84 TOTAL HOURS, 26 IN TYPE.
	TYPE OF ACCI	DENT WITH AIRCRAFT	BOTH IN FLIGHT	0.	РНА	SE OF LANDI	OPERATION NG TRAFFIC PATTE	
	PROBABLE CAU	SÉ	ED TO SEE AND AVOID O					
	MISCELLAN		IUNS - CORRECTING L AD, BELOW AND INSIDE W				STRUCK BY N6629A	•
2-1123	5/21/67 HA	wlHORNE,CALIF	`CESSNA 182C N-34271	CR- PX-	0 0	2	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 51, 425 TOTAL HOURS, 78 IN TYPE.
	DAMAGE -SUBSTANTIAL OT- 2 0 0 TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH IN FLIGHT LANDING TRAFFIC PATTERN-CIRCLING							
	MISCELLAN FACTOR WEATHER - WEATHER BRIE WEATHER FORE	CUMMAND - FAIL EUUS-PERSUNNEL - CUSTRUCTIONS FING - BRILFED B CAST - FURECAST	Y FSP, BY PHONE Substantially correct	CRAFT			O VIC-DERROTED 3	MILES IN HAZE,PRTL OBSCRN

DOCKET	DATE	LUCATION	AIRCRAFT DATA	INJURIES F S M/N	FLIGHT PURPOSE	PILOT DATA					
2-1123	5/21/67 HAWTH TIME - 1407	JRNE, CALIF	CESSNA 15GF N-7826F DAMAGE -DESTRUYED	CR- 1 0 0 PX- 1 0 0 OT- 0 0 2	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 31, 186 TOTAL HOURS, 63 IN TYPE.					
	TYPE OF ACCIDENT COLLISION WITH AIRCRAFT BOTH IN FLIGHT PHASE OF OPERATION LANDING TRAFFIC PATTERN-CIRCLING										
	MISCELLANEOU: FACTOR WEATHER - WEATHER BRIEFING WEATHER FORECAS	S-PERSONNEL - OBSTRUCTIONS TO S - BRIEFED BY T - FORECAST SU	FSP, BY RADIO JBSTANTIALLY CORRECT	CRAFT	D VIS-REPORTED 3-M	AILES IN HAZE.PRTL OBSCRN.					
2-1125	11/5/67 TEMPL	E TERRAC, FLA	LUSCOMBE 8C N-287C8 DAMAGE -DESTROYED	CR+ 1 C O PX+ C C C OT+ C C 3	NONCOMMERCIAL PLEASURE	PRIVATE, AGE 46, 383 TOTAL HOURS, 44 IN TYPE.					
	TYPE OF ACCIDENT PHASE OF OPERATION COLLISION WITH AIRCRAFT BOTH IN FLIGHT UNK/NR										
	PROBABLE CAUSE PILOT IN COM	MAND - FAILE	) TO SEE AND AVOID O PILOT OF OTHER AIR	THER AIRCRAFT							
2-1125	11/5/67 TEMPLO TIME - 1625	TERRAC, FLA	STINSON 108 N-97261 DAMAGE -SUBSTANTIA	CR- 0 0 1 PX- 0 0 2 L OT- 1 0 0	NONCOMMERCIAL PLEASURE	COMMERCIAL, AGE 37, 921 TOTAL HOURS, 634 IN TYPE.					
	TYPE OF ACCIDENT	T TH AIRCRAF <b>T</b> BO	OTH IN FLIGHT	PHASE OF LAND	F OPERATION ING TRAFFIC PATTE	ERN-CIRCLING					
	PROBABLE CAUSE PILOT IN COMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT MISCELLANEOUS-PERSONNEL - PILOT OF OTHER AIRCRAFT										
2-1142	10/18/67 W.LOS TIME - 1404	ANGELES, CAL	PIPER PA-28 N-5109W DAMAGE -DESTROYED	CR- 2 0 0 PX- 1 0 0 OT- 1 0 0	NONCOMMERCIAL PLEASURE	COMMERCIAL, FL. INSTR., AGE 23, 1074 TOTAL HOURS, 329 IN TYPE.					
	TYPE OF ACCIDENT	T TH AIRCRAFT BO	TH IN FLIGHT	PHASE OF	PHASE OF OPERATION LANDING FINAL APPROACH						
	PROBABLE CAUSE  PILOT IN CUMMAND - FAILED TO SEE AND AVOID OTHER AIRCRAFT FACTOR  TRAFFIC CONTROL PERSONNEL - OTHER  MISCELLANEOUS ACTS, CONDITIONS - CONGESTED TRAFFIC-PATTERN OR RAMP REMARKS- N5109W OVERTOOK AND STRUCK N8301J.ATC TRAINEES MISIDENTIFIED ACFT IN PATTERN.IMPROPER SEQUENCING.										

DOCKET			AIRCRAFT DATA	E C M (N)	FLIGHT PURPOSE	PILOT DATA		
2-1142		OS ANGELES, CAL	CESSNA 150G N-8301J DAMAGE -DESTROYED	CR- 1 0 0 PX- 0 0 0 OT- 3 0 0	INSTRUCTIONAL SOLO	STUDENT, AGE 26, 19 TOTAL HOURS, ALL IN TYPE.		
	COLLISION	ENT WITH AIRCRAFT B	OTH IN FLIGHT,	PHASE OF LANDI	F OPERATION ING FINAL APPROACH			
	FACTOR TRAFFIC CO MISCELLANG FIRE AFTER IN	OUS-PERSONNEL - ONTROL PERSONNEL OUS ACTS, CONDITI	ONS - CONGESTED TR	AFFIC-PATTERN OF				
	REMARKS - N510	19W OVERTOOK AND	STRUCK N8301J.ATC TR	AINEES MISIDENTI	FIED ACFT IN PATTE	RN.IMPROPER SEQUENCING.		
2-1149	2/17/67 OAK TIME - 1426	CLAND, CALIF	PIPER PA-23 N-2043P DAMAGE -DESTROYED	CR- 0 1 0 PX- 0 0 0 OT- 2 0 0	NONCOMMERCIAL BUSINESS	COMMERCIAL, FL. INSTR., AGE 36, 10050 TOTAL HOURS, 175 IN TYPE.		
	TYPE OF ACCIO	FNT	OTH IN FLIGHT	PHASE OF OPERATION LANDING FINAL APPROACH				
	FACTOR TRAFFIC CO	ONTROL PERSONNEL -	PILOT OF OTHER AIR  - INADEQUATE SPACIONS - CONGESTED TR	NG OF AIRCRAFT	R RAMP			
2-1149	TIME - 1426	CLAND, CAL IF	N-3608D	PX- 0 0 0	INSTRUCTIONAL DUAL	ATR, FLIGHT INSTR., AGE 58, 21300 TOTAL HOURS, 1050 IN TYPE.		
	TYPE OF ACCID	DENT WITH AIRCRAFT B	OTH IN FLIGHT	PHASE OF LANDI	OPERATION NG FINAL APPROACH	•		
	PROBABLE CAUS PILOT IN C FACTOR TRAFFIC CO	SE COMMAND - FAILE ONTROL PERSONNEL EOUS ACTS,CONDITI	D TO SEE AND AVOID O - INADEQUATE SPACI ONS - CONGESTED TR	THER AIRCRAFT				

NTSB AMM 1967

Midair Collisions

