

# ASIAS BRIEF REPORT

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## GENERAL INFORMATION

Data Source: AVIATION SAFETY REPORTING SYSTEM  
Report Number: 544140  
Local Date(Yr/Mon): 200204  
Local Quarter Time:

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## Synopsis

UNDETECTED CHANGING WIND CONDITIONS AND GPS PROBS RESULT IN PARACHUTE JUMPERS LNDG IN THE INCORRECT LNDG AREA ON THE ARPT CAUSING A CONFLICT WITH NO RADIO GLIDERS.

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## Assesmmnt

Event Primary Problem: HUMAN FACTORS  
Event Contributing Factors: WEATHER  
Envrionment Work Factor:  
General Results: NONE REPORTED / TAKEN  
Aircraft Event Results:  
ATC Event Results:  
Flight Crew Event Results:

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## Anomaly Information

Acft Equip Anomaly Desc:  
Airspace Anomaly Flag:  
ATC Anomaly Flag:  
Conflict Anomaly Desc: GROUND CONFLICT, CRITICAL  
Alt Deviation Anomaly Desc:  
Procedure Deviation Anomaly Desc: FAR  
Speed Deviation Anomaly Flag:  
Track/Heading Deviation Anomaly Flag:  
Flightdeck/Cabin event Anomaly Desc:  
Ground Encounter event Anomaly Desc:

Ground Excursion event Anomaly Desc:  
Ground Incursion event Anomaly Desc:  
In-Flight event Anomaly Desc: WEATHER / TURBULENCE  
Non Specific Anomaly Flag:  
Other Anomaly Flag:  
Anomaly Detected - Person Desc: FLIGHT CREW  
Anomaly Detected - Auto Desc:

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## Location Information

Loc State Code: HI  
Loc Ref Airport Name HDH.AIRPORT  
Loc Ref ATC Name :  
Loc Ref Intersection Name :  
Loc Ref NAVAID Name :  
Horizontal Miss Distance (ft):  
Verical Miss Distance (ft):  
Magnetic Bearing (deg):  
Magnetic Bearing (deg):  
Reference ID Distance (nm): 2  
Altitude AGL - Single Value(ft)  
Altitude MSL - Single Value(ft) 13500

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## Environmental Information

Weather Conditions: VMC  
Ceiling:  
Ceiling Single Value (ft):  
Light Condition: DAYLIGHT  
RVR Single value (ft):  
WX Elements Visual Desc:  
WX Elements Visual Desc Other:  
WX Elements Visual (sm): 30

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## Aircraft Information

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Information for Aircraft Sequence 1

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Acft Make/Model Desc: KING AIR 100 A/B  
Acft Operator Desc: AIR TAXI  
Acft Far Part: PART 135  
Acft Flight Mission: SKYDIVING  
Acft Flight Phase: CRUISE  
Acft Flight Plan: NONE  
Acft Nav in Use:  
Flight Crew Count: 1  
Cabin Crew Count:  
Passenger Count:  
Number of Seats:

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## Person Information

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### Information For Person Sequence 1

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#### General Info

Reporting Organization: AIR TAXI  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Atndt Airline Exp (yrs):  
Flt Atndt Aircraft Exp (yrs):  
Flt Atndt Total Exp (yrs):  
Flt Atndt Exp (yrs):  
Flt Crew Exp (last 90 days): 100  
Flt Crew Total Exp: 4000  
Flt Crew Exp: 1000  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:

Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function: SINGLE PILOT  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function:  
Personel Other Other Function:  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc: X  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndnt Qual Desc:  
Flt Crew Qual Desc: MULTIENGINE  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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NARRATIVE for Person 1

THERE ARE 2 PARACHUTE LNDG AREAS AT HDH FIELD. ONE IS LOCATED AT THE E END OF THE RWY AND THE OTHER AT THE W END. TODAY, THE ACTIVE LNDG AREA WAS AT THE E END. BEFORE OUR GPS FAILED, WE WERE ABLE TO USE IT TO ESTIMATE THE WINDS WHICH WERE PREDOMINANTLY TO BE FROM THE W AT ABOUT 25-30 KTS. MUCH LATER, THE GPS BEGAN TO PROVIDE ERRATIC INFO (LIKELY DUE TO SATELLITE DATA XMISSION PROBS -- A GPS FROM ANOTHER COMPANY WAS ALSO EXPERIENCING ERRONEOUS READINGS), AND THE LAST READING SHOWED THE WINDS TO BE ABOUT 30 KTS FROM THE E. WE DID NOT BELIEVE THAT THIS LAST READING WAS CORRECT SO WE CONTINUED TO DROP THE SKYDIVERS W OF THE LNDG AREA (IE, WHERE WE THOUGHT THEY WOULD BE UPWIND OF THE LNDG AREA). HOWEVER, IT TURNED OUT THAT THE WIND INFO WAS CORRECT AND THE SKYDIVERS COULD NOT FLY THEIR CANOPIES AGAINST THE HEADWIND AND MAKE IT BACK TO THE DESIGNATED LNDG AREA. THEY WERE FORCED TO LAND NEAR THE W END LNDG AREA WHICH WAS BEING USED TO LAND GLIDERS. IT APPEARED THAT THE CANOPIES WERE LNDG NEAR THE GLIDER TFC PATTERN. WHILE THERE WERE NO CONFLICTS, THIS COULD HAVE BEEN A DANGEROUS SIT. FURTHERMORE, WE COULD NOT INFORM THE GLIDERS SINCE THEY ARE NOT EQUIPPED WITH RADIOS. TO HELP PREVENT THIS FROM OCCURRING AGAIN, THE JUMP MASTERS HAVE BEEN ASKED TO VISUALLY CHK THE SKY FOR CLUES ABOUT THE WIND DIRECTION (IE, MOVEMENT OF THE CLOUDS). IN ADDITION, WE HAVE SET UP BETTER COMS WITH ALL OF THE SKYDIVING COMPANIES TO LET EVERYONE KNOW IF THEY PERCEIVE DIFFERENT WIND CONDITIONS. (TURNS OUT THAT ONE COMPANY FIGURED OUT THAT THE WIND HAD CHANGED BUT DID NOT TELL ANYONE UNTIL IT WAS TOO LATE.)

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## Information For Person Sequence 2

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### General Info

Reporting Organization: AIR TAXI  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Atndt Airline Exp (yrs):  
Flt Atndt Aircraft Exp (yrs):  
Flt Atndt Total Exp (yrs):  
Flt Atndt Exp (yrs):  
Flt Crew Exp (last 90 days):  
Flt Crew Total Exp:  
Flt Crew Exp:  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function:  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function:  
Personel Other Other Function: JUMP MASTER  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc: COMPANY  
Person Location Acft Desc:  
Person Loc Facility Acft Desc:  
ATC Qual Desc:

Dispatch Qual Desc:  
Flt Attndt Qual Desc:  
Flt Crew Qual Desc:  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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## NARRATIVE for Person 2

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## Information For Person Sequence 3

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### General Info

Reporting Organization:           PERSONAL  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Attndt Airline Exp (yrs):  
Flt Attndt Aircraft Exp (yrs):  
Flt Attndt Total Exp (yrs):  
Flt Attndt Exp (yrs):  
Flt Crew Exp (last 90 days):  
Flt Crew Total Exp:  
Flt Crew Exp:  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function:  
Ground Personel Function:

Maint Personel Function:  
Personel Other Function:  
Personel Other Other Function: SKYDIVER  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc:  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndt Qual Desc:  
Flt Crew Qual Desc:  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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NARRATIVE for Person 3

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END REPORT

ASIAS BRIEF REPORT

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GENERAL INFORMATION

Data Source: AVIATION SAFETY REPORTING SYSTEM  
Report Number: 616472  
Local Date(Yr/Mon): 200404  
Local Quarter Time: 1201-1800

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Synopsis

A GLIDER PLT IS CONCERNED WITH THE NUMBER OF PARACHUTE JUMPERS THAT LAND ON THE ARPT SURFACE AT D73 WITH OTHER ACFT LNDG AT THE SAME TIME.

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## Assesmmment

Event Primary Problem:        **AMBIGUOUS**  
Event Contributing Factors:   **HUMAN FACTORS**  
Envrionment Work Factor:  
General Results:               **NONE REPORTED / TAKEN**  
Aircraft Event Results:  
ATC Event Results:  
Flight Crew Event Results:

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## Anomaly Information

Acft Equip Anomaly Desc:  
Airspace Anomaly Flag:  
ATC Anomaly Flag:  
Conflict Anomaly Desc:  
Alt Deviation Anomaly Desc:  
Procedure Deviation Anomaly Desc:  
Speed Deviation Anomaly Flag:  
Track/Heading Deviation Anomaly Flag:  
Flightdeck/Cabin event Anomaly Desc:  
Ground Encounter event Anomaly Desc:   **PERSON / ANIMAL / BIRD**  
Ground Excursion event Anomaly Desc:  
Ground Incursion event Anomaly Desc:  
In-Flight event Anomaly Desc:         **OTHER / UNKNOWN**  
Non Specific Anomaly Flag:  
Other Anomaly Flag:  
Anomaly Detected - Person Desc:         **FLIGHT CREW**  
Anomaly Detected - Auto Desc:

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## Location Information

Loc State Code:                **GA**  
Loc Ref Airport Name         **D73.AIRPORT**  
Loc Ref ATC Name :  
Loc Ref Intersection Name :  
Loc Ref NAVAID Name :  
Horizontal Miss Distance (ft):  
Verical Miss Distance (ft):  
Magnetic Bearing (deg):  
Magnetic Bearing (deg):  
Reference ID Distance (nm):        **0**



Altitude AGL - Single Value(ft) 0

Altitude MSL - Single Value(ft)

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## Environmental Information

Weather Conditions: VMC  
Ceiling:  
Ceiling Single Value (ft): 6000  
Light Condition: DAYLIGHT  
RVR Single value (ft):  
WX Elements Visual Desc:  
WX Elements Visual Desc Other:  
WX Elements Visual (sm): 5

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## Aircraft Information

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### Information for Aircraft Sequence 1

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Acft Make/Model Desc: SAIL PLANE  
Acft Operator Desc: PERSONAL  
Acft Far Part:  
Acft Flight Mission: SKYDIVING  
Acft Flight Phase: INITIAL APPROACH  
Acft Flight Plan:  
Acft Nav in Use:  
Flight Crew Count: 1  
Cabin Crew Count:  
Passenger Count:  
Number of Seats:

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## Person Information

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### Information For Person Sequence 1

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#### General Info

Reporting Organization:	PERSONAL
Reporting Organization Other:	
Acft Cabin Activity:	
Comm Breakdown Party 1:	
Comm Breakdown Party 2:	
ATC Exp Military (yrs):	
ATC Exp Non-Radar (yrs):	50
ATC Exp Radar (yrs):	50
ATC Exp Supervisory (yrs):	8
ATC Exp Cert in Pos (mths):	
ATC Exp Cert in Pos (yrs):	
Dispatch Experience (yrs):	
Flt Attndt Airline Exp (yrs):	
Flt Attndt Aircraft Exp (yrs):	
Flt Attndt Total Exp (yrs):	
Flt Attndt Exp (yrs):	
Flt Crew Exp (last 90 days):	2
Flt Crew Total Exp:	20000
Flt Crew Exp:	
Tech Maint Avionics Exp:	
Tech Maint Avionics Exp:	
Inspector Maint Exp:	
Tech Lead Maint Exp:	
Repairman Maint Exp:	
Tech Maint Exp:	
ATC Function:	
Dispatch Function:	
Flt Atndnt Function:	
Flt Crew Function:	
Ground Personel Function:	
Maint Personel Function:	
Personel Other Function:	OBSERVER
Personel Other Other Function:	
Human Factors:	
Location in Acft:	
Location in Acft Other:	
Person Location Desc:	
Person Location Acft Desc:	
Person Loc Facility Acft Desc:	
ATC Qual Desc:	FULLY CERTIFIED
Dispatch Qual Desc:	
Flt Attndt Qual Desc:	
Flt Crew Qual Desc:	MULTIENGINE

Maint Prsnl Qual Desc:

Prsnl Otr Qual Desc:

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## NARRATIVE for Person 1

ON 4/SAT/2004 BETWEEN XA00-XD00, PARACHUTISTS WERE (ON TWO SEPARATE OCCASIONS) SEEN LNDG ON THE RWY SURFACE OF RWY 3/21. THIS IS NOT THE FIRST TIME THIS HAS HAPPENED. DURING THESE DAYS OF HEAVY PARACHUTE TFC, SOMETIMES AS MANY AS 25-30 ARE RELEASED AT A TIME AND THEY LAND ALL OVER THE ARPT, CROSSING BACK AND FORTH OVER THE ACTIVE RWY ON THEIR DSCNTS. NO PARTICULAR DROP ZONE SEEMS TO BE OBSERVED, AS THEY JUST USE THE WHOLE ARPT SURFACE CREATING A HAZARD TO NORMAL ARPT TFC. CALLBACK CONVERSATION WITH RPTR REVEALED THE FOLLOWING INFO: THE ARPT IN QUESTION WAS THE WALTON COUNTY ARPT IN MONROE, GA (D73). THE RPTR INDICATED THAT THIS IS AN ONGOING PROB. AT TIMES THERE ARE 30 OR MORE JUMPERS AT A TIME. THEY LAND ON ALL SURFACES OF THE ARPT INCLUDING THE ACTIVE RWY WHEN THERE ARE ACFT, INCLUDING GLIDERS, LNDG. THE RPTR IS A GLIDER PLT AND HAS INDICATED THAT THEY ARE UNABLE TO GAR IF NEEDED TO AVOID HITTING A PARACHUTE JUMPER. THE RPTR ALSO INDICATED THAT THE JUMP ACFT RACES THE JUMPERS DOWN AND LANDS IN A DIVING STRAIGHT IN APCH THAT MAKES IT VERY DIFFICULT FOR OTHER ACFT TO SEE. THE RPTR INDICATED THAT THE JUMPERS ARE REQUIRED TO HAVE PERMISSION FROM THE CITY TO LAND ON THE FIELD AND THAT THEY DO NOT HAVE THIS PERMISSION. HE FEELS THAT IT IS JUST A MATTER OF TIME BEFORE SOMEONE IS KILLED AND WOULD LIKE THE FAA TO MONITOR THE SIT AT THIS ARPT TO HELP IMPROVE SAFETY.

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## Information For Person Sequence 2

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### General Info

Reporting Organization:

Reporting Organization Other:

Acft Cabin Activity:

Comm Breakdown Party 1:

Comm Breakdown Party 2:

ATC Exp Military (yrs):

ATC Exp Non-Radar (yrs):

ATC Exp Radar (yrs):

ATC Exp Supervisory (yrs):

ATC Exp Cert in Pos (mths):

ATC Exp Cert in Pos (yrs):

Dispatch Experience (yrs):

Flt Atndt Airline Exp (yrs):

Flt Atndt Aircraft Exp (yrs):

Flt Atndt Total Exp (yrs):

Flt Atndt Exp (yrs):

Flt Crew Exp (last 90 days):

Flt Crew Total Exp:

Flt Crew Exp:

Tech Maint Avionics Exp:

Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function:  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function:  
Personel Other Other Function: PARACHUTE JUMPERS  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc:  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndnt Qual Desc:  
Flt Crew Qual Desc:  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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NARRATIVE for Person 2

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Information For Person Sequence 3

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General Info

Reporting Organization: PERSONAL  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):

ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Atndt Airline Exp (yrs):  
Flt Atndt Aircraft Exp (yrs):  
Flt Atndt Total Exp (yrs):  
Flt Atndt Exp (yrs):  
Flt Crew Exp (last 90 days):  
Flt Crew Total Exp:  
Flt Crew Exp:  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndt Function:  
Flt Crew Function: SINGLE PILOT  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function:  
Personel Other Other Function:  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc: X  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndt Qual Desc:  
Flt Crew Qual Desc:  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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NARRATIVE for Person 3

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END REPORT

# ASIAS BRIEF REPORT

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## GENERAL INFORMATION

Data Source: AVIATION SAFETY REPORTING SYSTEM  
Report Number: 615357  
Local Date(Yr/Mon): 200404  
Local Quarter Time: 1801-2400

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## Synopsis

INBOUND ACFT PLT VOICES CONCERN OVER THE NEWLY ESTABLISHED DROP AREA FOR PARACHUTE ACTIVITY 3 TO 4 NM E AND ON CTRLINE OF RWY 26R AT SDM, CA.

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## Assesmmnt

Event Primary Problem: AIRSPACE STRUCTURE  
Event Contributing Factors: HUMAN FACTORS  
Envrionment Work Factor:  
General Results:  
Aircraft Event Results:  
ATC Event Results: ISSUED ADVISORY / ALERT  
Flight Crew Event Results: TOOK EVASIVE ACTION

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## Anomaly Information

Acft Equip Anomaly Desc:  
Airspace Anomaly Flag:  
ATC Anomaly Flag: ALL TYPES  
Conflict Anomaly Desc: AIRBORNE CONFLICT  
Alt Deviation Anomaly Desc:  
Procedure Deviation Anomaly Desc:  
Speed Deviation Anomaly Flag:  
Track/Heading Deviation Anomaly Flag:  
Flightdeck/Cabin event Anomaly Desc:  
Ground Encounter event Anomaly Desc:  
Ground Excursion event Anomaly Desc:

Ground Incursion event Anomaly Desc:  
In-Flight event Anomaly Desc: OTHER / UNKNOWN  
Non Specific Anomaly Flag:  
Other Anomaly Flag: ATC PROC/ COORD  
Anomaly Detected - Person Desc: FLIGHT CREW  
Anomaly Detected - Auto Desc:

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## Location Information

Loc State Code: CA  
Loc Ref Airport Name SDM.AIRPORT  
Loc Ref ATC Name :  
Loc Ref Intersection Name :  
Loc Ref NAVAID Name :  
Horizontal Miss Distance (ft):  
Verical Miss Distance (ft):  
Magnetic Bearing (deg):  
Magnetic Bearing (deg):  
Reference ID Distance (nm): 3.5  
Altitude AGL - Single Value(ft)  
Altitude MSL - Single Value(ft) 4000

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## Environmental Information

Weather Conditions:  
Ceiling:  
Ceiling Single Value (ft):  
Light Condition: DAYLIGHT  
RVR Single value (ft):  
WX Elements Visual Desc:  
WX Elements Visual Desc Other:  
WX Elements Visual (sm):

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## Aircraft Information

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## Information for Aircraft Sequence 1

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Acft Make/Model Desc: OTHER

Acft Operator Desc: PERSONAL  
Acft Far Part: PART 91  
Acft Flight Mission: TRAINING  
Acft Flight Phase: INITIAL APPROACH  
Acft Flight Plan: VFR  
Acft Nav in Use:  
Flight Crew Count: 2  
Cabin Crew Count:  
Passenger Count:  
Number of Seats:

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## Information for Aircraft Sequence 2

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Acft Make/Model Desc: TWIN OTTER DHC-6  
Acft Operator Desc: PERSONAL  
Acft Far Part:  
Acft Flight Mission: SKYDIVING  
Acft Flight Phase: CRUISE  
Acft Flight Plan:  
Acft Nav in Use:  
Flight Crew Count: 2  
Cabin Crew Count:  
Passenger Count:  
Number of Seats:

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## Person Information

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## Information For Person Sequence 1

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### General Info

Reporting Organization: PERSONAL  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):



ATC Exp Supervisory (yrs):  
 ATC Exp Cert in Pos (mths):  
 ATC Exp Cert in Pos (yrs):  
 Dispatch Experience (yrs):  
 Flt Atndt Airline Exp (yrs):  
 Flt Atndt Aircraft Exp (yrs):  
 Flt Atndt Total Exp (yrs):  
 Flt Atndt Exp (yrs):  
 Flt Crew Exp (last 90 days): 5  
 Flt Crew Total Exp: 21000  
 Flt Crew Exp: 30  
 Tech Maint Avionics Exp:  
 Tech Maint Avionics Exp:  
 Inspector Maint Exp:  
 Tech Lead Maint Exp:  
 Repairman Maint Exp:  
 Tech Maint Exp:  
 ATC Function:  
 Dispatch Function:  
 Flt Atndt Function:  
 Flt Crew Function: SINGLE PILOT  
 Ground Personel Function:  
 Maint Personel Function:  
 Personel Other Function:  
 Personel Other Other Function:  
 Human Factors:  
 Location in Acft:  
 Location in Acft Other:  
 Person Location Desc:  
 Person Location Acft Desc: X  
 Person Loc Facility Acft Desc:  
 ATC Qual Desc:  
 Dispatch Qual Desc:  
 Flt Atndt Qual Desc:  
 Flt Crew Qual Desc: AIR TRANSPORT PILOT (ATP)  
 Maint Prsnl Qual Desc:  
 Prsnl Otr Qual Desc:

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NARRATIVE for Person 1

APCHING BROWN FIELD (SDM) IN A JET, WE WERE ADVISED OF THE 3 PARACHUTE ZONES JUST E OF THE FIELD, AT LEAST ONE BEING 'HOT.' AT 5 MILES E WE WENT A LITTLE S OF THE CTRLINE OF RWY 26R, KNOWING OR ASSUMING THAT THE ONE S OF THE CTRLINE WOULD BE COLD (IT'S MILITARY AND NOT USED MUCH), BUT WE REALLY DID NOT KNOW FOR SURE. AT 3.5 MILES WE

CORRECTED BACK TO THE CTRLINE AND NOTICED THE TWIN OTTER JUMP PLANE ABOVE US. THE TWR TREATS THESE JUMP AREAS AS THOUGH THEY ARE RESTR AREAS BUT THEY ARE NOT. GETTING IN AND OUT OF BROWN TO THE E SAFELY IS NOW IMPOSSIBLE. THE 3RD JUMP ZONE IS N OF THE CTRLINE. RWY 26R IS THE MAIN RWY USED BY TRANSIENTS JETS. IF WE HAVE A MIDAIR BETWEEN A JUMPER AND AN AIR PLANE WOULD THEY RECOGNIZE THE DANGER OF THIS SIT. CALLBACK CONVERSATION WITH RPTR REVEALED THE FOLLOWING INFO: PLT IS VERY CONCERNED WITH THIS NEW PROC. THE AFD INDICATED DROP ACTIVITY BUT THE ONE ON THE CTRLINE OF RWY 26R IS NEWLY ESTABLISHED WITHIN THE LAST 6 WEEKS, THE OTHER TWO HAVING BEEN WELL ESTABLISHED PRIOR TO THAT. A LEASE OPERATOR HAS ACQUIRED RENTAL RIGHTS AT THE ARPT AND LAND RIGHTS 3 MILES E FOR DROP RECOVERY EFFORTS. THE CLASS D AREA IS NOT 5 MILES OUT, BUT 3 NM OUT AT SDM. IT APPEARS TWR IS ACTING LIKE THE CTRLINE OF RWY 26R IS A PROHIBITED AREA AND DOES NOT COORD WELL WITH INBOUND ACFT, IE, NOT STOPPING THE PARACHUTE ACTIVITY DURING OTHER ACFT APCH PERIODS. TWR SIMPLY ADVISES THAT JUMP ZONE IS 'HOT.' RPTR IS CONCERNED THAT TRANSIENT ACFT MIGHT GET IN TROUBLE WITH PROC. HE IS LCL AND KNOWS THE AREA WELL, ALTHOUGH HE ADMITS HE CUT BACK TO CTRLINE TOO SOON. THE JUMP ACFT WAS ABOVE HIM, HE DID NOT KNOW IF IT WAS CLBING OR IN A DESCENT. HE DID NOT HEAR OR SEE ANYTHING THAT INDICATED JUMPERS WERE AWAY. THE JUMP ACFT CLB TO ABOUT 12000 FT.

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## Information For Person Sequence 2

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### General Info

Reporting Organization:  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Atndt Airline Exp (yrs):  
Flt Atndt Aircraft Exp (yrs):  
Flt Atndt Total Exp (yrs):  
Flt Atndt Exp (yrs):  
Flt Crew Exp (last 90 days):  
Flt Crew Total Exp:  
Flt Crew Exp:  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:

Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function:  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function:           OBSERVER  
Personel Other Other Function:  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc:       X  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndnt Qual Desc:  
Flt Crew Qual Desc:  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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## NARRATIVE for Person 2

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## Information For Person Sequence 3

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### General Info

Reporting Organization:  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Atndnt Airline Exp (yrs):  
Flt Atndnt Aircraft Exp (yrs):

Flt Atndt Total Exp (yrs):  
Flt Atndt Exp (yrs):  
Flt Crew Exp (last 90 days):  
Flt Crew Total Exp:  
Flt Crew Exp:  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function: PILOT FLYING  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function:  
Personel Other Other Function:  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc: Y3638  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndt Qual Desc:  
Flt Crew Qual Desc:  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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NARRATIVE for Person 3

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Information For Person Sequence 4

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General Info

Reporting Organization: GOVERNMENT  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:

Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Atndt Airline Exp (yrs):  
Flt Atndt Aircraft Exp (yrs):  
Flt Atndt Total Exp (yrs):  
Flt Atndt Exp (yrs):  
Flt Crew Exp (last 90 days):  
Flt Crew Total Exp:  
Flt Crew Exp:  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function: LOCAL  
Dispatch Function:  
Flt Atndt Function:  
Flt Crew Function:  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function:  
Personel Other Other Function:  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc:  
Person Loc Facility Acft Desc: SDM.TOWER  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndt Qual Desc:  
Flt Crew Qual Desc:  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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NARRATIVE for Person 4

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END REPORT

ASIAS BRIEF REPORT

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## GENERAL INFORMATION

Data Source: AVIATION SAFETY REPORTING SYSTEM  
Report Number: 447106  
Local Date(Yr/Mon): 199908  
Local Quarter Time: 0601-1200

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## Synopsis

RPTR HAS OBSERVED PARACHUTE JUMPING ACFT OPERATING NEAR V85 AND WITHIN THE DEN MODE C VEIL AND ALLEGES THAT THEY ARE IGNORING SOP'S IN AND AROUND THIS UNCTLED FIELD. FURTHER, THEIR JUMPERS LAND ON BOTH SIDES OF THE RWY OFTEN IN CLOSE PROX TO THE RWY ITSELF.

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## Assesmmment

Event Primary Problem: HUMAN FACTORS  
Event Contributing Factors: PROCEDURE  
Envrionment Work Factor:  
General Results: NONE REPORTED / TAKEN  
Aircraft Event Results:  
ATC Event Results:  
Flight Crew Event Results:

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## Anomaly Information

Acft Equip Anomaly Desc:  
Airspace Anomaly Flag:  
ATC Anomaly Flag:  
Conflict Anomaly Desc: NMAC

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Alt Deviation Anomaly Desc:  
Procedure Deviation Anomaly Desc: FAR  
Speed Deviation Anomaly Flag:  
Track/Heading Deviation Anomaly Flag:  
Flightdeck/Cabin event Anomaly Desc:  
Ground Encounter event Anomaly Desc:  
Ground Excursion event Anomaly Desc:  
Ground Incursion event Anomaly Desc:  
In-Flight event Anomaly Desc: OTHER / UNKNOWN  
Non Specific Anomaly Flag:  
Other Anomaly Flag:  
Anomaly Detected - Person Desc: OTHER PERSON  
Anomaly Detected - Auto Desc:

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## Location Information

Loc State Code: CO  
Loc Ref Airport Name 2V2.AIRPORT  
Loc Ref ATC Name :  
Loc Ref Intersection Name :  
Loc Ref NAVAID Name :  
Horizontal Miss Distance (ft):  
Verical Miss Distance (ft):  
Magnetic Bearing (deg):  
Magnetic Bearing (deg):  
Reference ID Distance (nm):  
Altitude AGL - Single Value(ft)  
Altitude MSL - Single Value(ft) 5052

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## Environmental Information

Weather Conditions: VMC  
Ceiling:  
Ceiling Single Value (ft):  
Light Condition: DAYLIGHT  
RVR Single value (ft):  
WX Elements Visual Desc:  
WX Elements Visual Desc Other:  
WX Elements Visual (sm):

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## Aircraft Information

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### Information for Aircraft Sequence 1

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Acft Make/Model Desc: SMALL TRANSPORT  
Acft Operator Desc: PERSONAL  
Acft Far Part:  
Acft Flight Mission: SKYDIVING  
Acft Flight Phase: INITIAL APPROACH  
Acft Flight Plan: VFR  
Acft Nav in Use:  
Flight Crew Count: 1  
Cabin Crew Count:  
Passenger Count:  
Number of Seats:

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## Person Information

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### Information For Person Sequence 1

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#### General Info

Reporting Organization: PERSONAL  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Atndt Airline Exp (yrs):  
Flt Atndt Aircraft Exp (yrs):  
Flt Atndt Total Exp (yrs):  
Flt Atndt Exp (yrs):



Flt Crew Exp (last 90 days):  
Flt Crew Total Exp: 4600  
Flt Crew Exp:  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function:  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function: OBSERVER  
Personel Other Other Function:  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc:  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndnt Qual Desc:  
Flt Crew Qual Desc: MULTIENGINE  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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## NARRATIVE for Person 1

PARACHUTE JUMPING IS DONE AT 2V2. IT IS NEAR V85 AND IN MODE C AREA (30 NM DEN TAC). TWIN OTTERS AND KING AIRS ARE USED TO TRANSPORT JUMPERS TO APPROX 17000 FT. AFTER PAX LEAVE THE ACFT, THE PLANES EXECUTE A HIGH RATE OF DSCNT INTO THE TFC PATTERN. THE 45 DEG ENTRY TO DOWNWIND IS NORMALLY FROM OVERHEAD INSTEAD OF FROM LEVEL TO TERRAIN. I HAVE HAD AT LEAST ONE DSND OVER ME ON DOWNWIND COMING WITHIN ABOUT 150 FT. THEY ARE ALSO OBSERVED TO CUT PEOPLE OUT ON BASE LEG AND FINAL. MANY TIMES THEY IGNORE EXISTING TFC AND TAKE OFF AND LAND AGAINST THE FLOW. (ALL TO SAVE TIME.) THE JUMPERS DSND OVER THE FIELD THROUGH THE TFC PATTERN AND LAND NEAR AND ON BOTH SIDES OF THE RWY. I HAVE HEARD THAT SOME AIRLINERS ON APCH TO DEN HAVE HAD TO MANEUVER AROUND JUMPERS. MANY PEOPLE ARE CONCERNED THAT A STUDENT OR TRANSIENT PLT WILL TANGLE WITH A PARACHUTIST. I HAVE HEARD THAT COMPLAINTS HAVE BEEN FILED WITH FAA AUTHS IN DENVER BUT NO CORRECTIVE ACTION HAS BEEN NOTED. I BELIEVE THAT THE MIX OF JUMPERS AND AIR TFC AT THIS FIELD FALLS IN THE CATEGORY OF AN ACCIDENT WAITING TO HAPPEN. CALLBACK CONVERSATION WITH RPTR REVEALED THE FOLLOWING INFO: RPTR

STATED THAT HE HAS BEEN FLYING SINCE 1943 AND HAS NEVER OBSERVED SUCH DANGEROUS ACTIVITY AS OCCURS AT 2V2. THE RPTR HAS BEEN FLYING OUT OF THIS ARPT FOR SEVERAL YRS AND DESCRIBES THE INTENSITY OF ACTIVITY AS VERY HVY, PARTICULARLY ON SATURDAYS. SINCE HE HAS BEEN THERE, THE RPTR HAS NOT NOTICED AN INCREASE OR DECREASE IN THE ACTIVITY AT THIS FIELD, BUT NOTED THAT THE ARPT HAS OPERATED AT THIS SAME HIGH INTENSITY FOR YRS. HE OBSERVED THAT THERE ARE MORE HANGARS BEING BUILT AND THAT ALL OF THE FRONT RANGE ARPTS ARE EXTREMELY BUSY. HE ALLEGES THAT THE OWNER OF THE PARACHUTE JUMPING ACTIVITY 'IS A VERY CONTROVERSIAL PERSON' AND HAS HAD PUBLIC ALTERCATIONS WITH, AND HAS SUED, 'ALMOST EVERYONE ON THE FIELD.' CURRENTLY, THE PARACHUTE OPERATOR IS THE PLAINTIFF IN A 'VERY PUBLIC LAWSUIT' IN WHICH HE HAS SUED ANOTHER FBO OPERATOR. THE RPTR COMPLAINED THAT, WHEN THE OWNER FLIES THE JUMP ACFT, 'IT IS IMPOSSIBLE TO KNOW WHAT WILL HAPPEN NEXT. HE IS VERY RUDE. HE'S SUED EVERYONE. HE ENTERS THE PATTERN AND LANDS IN THE OPPOSITE DIRECTION TO THE TFC IN ORDER TO SAVE MONEY. HOWEVER, HE HAS A KING AIR PLT WHO IS VERY COURTEOUS.' THE RPTR STATED THAT HE FLEW LAST SATURDAY AND PERSONALLY OBSERVED JUMPERS LNDG 'WITHIN A DOZEN FT OF THE RWY.

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END REPORT

ASIAS BRIEF REPORT

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## GENERAL INFORMATION

Data Source: AVIATION SAFETY REPORTING SYSTEM  
Report Number: 528369  
Local Date(Yr/Mon): 200110  
Local Quarter Time: 0601-1200

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## Synopsis

A PA-28 INSTR PLT RPT ON THE HAZARDOUS PROCS USED DURING PARACHUTE JUMPING ACTIVITY AT LAUREL, DE, A NON TWR ARPT, WITH DROPS LNDG NEAR THE RWY AT N06, DE.

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## Assesmmnt

Event Primary Problem: HUMAN FACTORS  
Event Contributing Factors: PROCEDURE  
Envrionment Work Factor:  
General Results: NONE REPORTED / TAKEN  
Aircraft Event Results:

ATC Event Results:  
Flight Crew Event Results:

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## Anomaly Information

Acft Equip Anomaly Desc:  
Airspace Anomaly Flag:  
ATC Anomaly Flag: ALL TYPES  
Conflict Anomaly Desc: AIRBORNE CONFLICT  
Alt Deviation Anomaly Desc:  
Procedure Deviation Anomaly Desc: PUBLISHED MATERIAL / POLICY  
Speed Deviation Anomaly Flag:  
Track/Heading Deviation Anomaly Flag:  
Flightdeck/Cabin event Anomaly Desc:  
Ground Encounter event Anomaly Desc:  
Ground Excursion event Anomaly Desc:  
Ground Incursion event Anomaly Desc:  
In-Flight event Anomaly Desc: OTHER / UNKNOWN  
Non Specific Anomaly Flag:  
Other Anomaly Flag: PROX OF RWY  
Anomaly Detected - Person Desc: FLIGHT CREW  
Anomaly Detected - Auto Desc:

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## Location Information

Loc State Code: DE  
Loc Ref Airport Name N06.AIRPORT  
Loc Ref ATC Name :  
Loc Ref Intersection Name :  
Loc Ref NAVAID Name :  
Horizontal Miss Distance (ft): 100  
Verical Miss Distance (ft): 300  
Magnetic Bearing (deg): 100  
Magnetic Bearing (deg):  
Reference ID Distance (nm):  
Altitude AGL - Single Value(ft) 0  
Altitude MSL - Single Value(ft)

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## Environmental Information

Weather Conditions: VMC  
Ceiling:  
Ceiling Single Value (ft):  
Light Condition: DAYLIGHT  
RVR Single value (ft):  
WX Elements Visual Desc:  
WX Elements Visual Desc Other:  
WX Elements Visual (sm): 10

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## Aircraft Information

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### Information for Aircraft Sequence 1

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Acft Make/Model Desc: PA-28 CHEROKEE/ARCHER/DAKOTA/PILLAN/WARRIOR  
Acft Operator Desc: FBO  
Acft Far Part: PART 91  
Acft Flight Mission: TRAINING  
Acft Flight Phase: TAKEOFF  
Acft Flight Plan: NONE  
Acft Nav in Use:  
Flight Crew Count: 2  
Cabin Crew Count:  
Passenger Count:  
Number of Seats:

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### Information for Aircraft Sequence 2

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Acft Make/Model Desc: ANY UNKNOWN OR UNLISTED AIRCRAFT MANUFACTURER  
Acft Operator Desc: PERSONAL  
Acft Far Part: PART 91  
Acft Flight Mission:  
Acft Flight Phase: TAXI  
Acft Flight Plan:  
Acft Nav in Use:  
Flight Crew Count: 1  
Cabin Crew Count:  
Passenger Count:  
Number of Seats:

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## Information for Aircraft Sequence 3

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Acft Make/Model Desc: ANY UNKNOWN OR UNLISTED AIRCRAFT MANUFACTURER  
Acft Operator Desc:  
Acft Far Part: PART 91  
Acft Flight Mission: SKYDIVING  
Acft Flight Phase: CRUISE  
Acft Flight Plan:  
Acft Nav in Use:  
Flight Crew Count: 2  
Cabin Crew Count:  
Passenger Count:  
Number of Seats:

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## Person Information

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## Information For Person Sequence 1

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### General Info

Reporting Organization: FBO  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Atndt Airline Exp (yrs):  
Flt Atndt Aircraft Exp (yrs):  
Flt Atndt Total Exp (yrs):  
Flt Atndt Exp (yrs):  
Flt Crew Exp (last 90 days): 20  
Flt Crew Total Exp: 1500  
Flt Crew Exp: 250

Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function: PILOT NOT FLYING  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function:  
Personel Other Other Function:  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc: X  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndnt Qual Desc:  
Flt Crew Qual Desc: INSTRUMENT  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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## NARRATIVE for Person 1

I LANDED AT LAUREL ARPT IN DELAWARE WITH A STUDENT FOR SHORT/SOFT FIELD PRACTICE AT THIS UNCTLED GRASS STRIP. WHILE WE WERE TAXING TO THE T. O. END TO DEPART WE HEARD ON THE CTAF THAT 'JUMPERS WERE AWAY OVER LAUREL,' WE TAXIED TO THE END OF THE RWY, AND OBSERVED FOR ACFT TFC. NONE WAS OBSERVED SO WE PULLED ON THE RWY AND WAITED FOR THE JUMPERS TO LAND, WE HAD SEVERAL JUMPERS IN SIGHT AND THEY LANDED IN A BUNCH DOWN FOR THE JUMPERS TO LAND, WE HAD SEVERAL JUMPERS IN SIGHT AND THEY LANDED IN A BUNCH DOWN THE RWY ABOUT MID FIELD JUST OFF THE RIGHT SIDE. SEEING NO FURTHER JUMPERS AT THE TIME WE STARTED A TKOF ROLL AND ACCELERATED TO VR. AT THIS TIME SEVERAL MORE JUMPERS DROPPED INTO VIEW ABOVE THE ARPT AND WE DEBATED ON ABORTING OR CONTINUING. AS WE WOULD HAVE STOPPED JUST UNDER THE JUMPERS AND IT WAS CLR THAT THEY WERE AT THE TIME NOT DIRECTLY OVER THE RWY WE CONTINUED OUR TKOF ROLL AND PASSED UNDERNEATH BY 2-300. BOTH THE STUDENT PLT AND INSTRUCTOR WERE EXPERIENCED JUMPERS AND BOTH OF US WERE SHAKEN BY THE EXPERIENCE FOR TWO REASONS. ONE WAS THAT IT WAS DIFFICULT TO DETERMINE HOW MANY JUMPERS THERE WERE, HOW MANY HAD LANDED AND IF ANYONE WAS STILL INBND TO THE RWY AREA, AND 2) THERE WERE NO CLR MARKINGS AS TO THE RWY ENVIRONMENT NOR THE DROP ZONE AND NEITHER OF US EXPECTED THE JUMPERS ANYWHERE NEAR OUR POS. AS WE WERE ROLLING ON TKOF AND NEAR ROTATION SPEED WHEN IT BECAME OBVIOUS THAT THE SECOND SET OF JUMPERS WAS OVERHEAD, IT WASN'T

CLR TO US THE BEST PLAN OF ACTION. OUR DECISION TO DO SO WAS NOT IN HINDSIGHT THE PROPER ONE, ANOTHER ACFT WAS BEHIND US WAITING FOR TKOF AND ENCOURAGED US TO GO AS THEY OPERATED OUT OF LAUREL AND SAID THAT THEY WERE USED TO THE JUMPERS AND THIS WAS ROUTINE. WE SHOULD HAVE CONTINUED TO HOLD ON THE RWY UNTIL WERE ABSOLUTELY POSITIVE THERE WAS NO CHANCE OTHER JUMPERS WOULD BE IN THE AIR. AFTER OUR DEP WE NEVER DID HEAR ANOTHER CTAF ANNOUNCEMENT THAT THE AIRSPACE WAS CLR. I FEEL THAT THE CONTRIBUTING FACTORS WERE 1) OUR LACK OF FAMILIARITY WITH THE JUMP OPS AT LAUREL, OUR LACK OF FAMILIARITY WITH THE ARPT ITSELF, THE FACT THAT THE DROP ZONE WAS NOT CLEARLY MARKED. WE DIDN'T FIGURE THAT THERE WOULD HAVE BEEN SO MANY JUMPERS IN ONE LOAD, AND THAT THEY WOULD BE SO UNSAFE AS TO JUMP ONTO THE IMMEDIATE RWY ENVIRONMENT AT A PUBLIC USE ARPT. IT IS OBVIOUS IN HINDSIGHT, AS WE WERE NOT FAMILIAR WITH THE JUMP OPS, WE SHOULD NOT HAVE ATTEMPTED TO DEPART UNTIL WE HAD WAITED A BIT LONGER. OTHER FACTORS WERE THE FAILURE OF THE JUMP OPERATORS TO EITHER CLOSE THE RWY OFF BY FLAGGING OR ANOTHER MEANS IF THE JUMPERS WERE GOING TO BE THAT CLOSE AND TO PERHAPS POST A SIGN NEAR THE T. O. ENDS OF THE RWY WARNING THAT THE TOUCH DOWN ZONE WAS CLOSE TO THE ACTIVE. IN ADDITION IF THE SPORT PARACHUTE ACTIVITY USED A HANDHELD RADIO THEY COULD CONTACT PLTS TO WARN THEM OF THE ACTIVITY. THIS LACK OF COM WAS A SERIOUS PROB. BOTH OF US WERE VERY SHAKEN BY THIS INCIDENT AS WE FELT THAT WE WERE IN DANGER AS WE COULD NOT PREDICT THE ACTIONS OF THE JUMPERS, AND WHILE OUR ACTIONS KEPT US CLR OF THE JUMPERS WE SHOULD NOT HAVE BEEN IN SUCH A HURRY TO DEPART. IT HAS BEEN 25 YRS SINCE I LANDED AT AN ARPT WITH SKYDIVING ACTIVITIES AND I JUST COULDN'T BELIEVE THAT THIS TYPE OF ACTIVITY WAS ALLOWED ACTUALLY ON THE RWY ENVIRONMENT. CLEARLY MY EXPECTATIONS OF RUNNING SPORT PARACHUTE JUMPERS IN THE PAST HAD A NEGATIVE EFFECT ON MY JUDGMENTS. I FELT THAT ALTHOUGH I WAS NOT ABLE TO COUNT ALL OF THE JUMPERS IN THE INITIAL GROUP IT EASILY WAS A PLANE LOAD AND THIS PROVED TO BE INCORRECT AND COMPOUNDED A BAD DECISION. I SHOULD HAVE ACTUALLY STOPPED AND IF UNSURE EITHER RETURNED TO QUESTION THE JUMP ACTIVITY AS TO THEIR METHODS OF OP OR SHOULD HAVE PULLED OFF THE RWY AND LET THE OTHER PLANE OPERATE RATHER THAN FEEL PUSHED TO MAKE A DECISION BY THEIR LACK OF PATIENCE, THAT WAS NO EXCUSE FOR MY BAD DECISION. I WOULD NOT OPERATE OUT OF LAUREL AGAIN UNTIL I HAD VISITED BY CAR, SPENT SOME TIME AT THE ARPT AND DETERMINED HOW THE JUMP OPS WERE CONDUCTED. IT IS

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## Information For Person Sequence 2

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### General Info

Reporting Organization: FBO

Reporting Organization Other:

Acft Cabin Activity:

Comm Breakdown Party 1:

Comm Breakdown Party 2:

ATC Exp Military (yrs):

ATC Exp Non-Radar (yrs):

ATC Exp Radar (yrs):

ATC Exp Supervisory (yrs):

ATC Exp Cert in Pos (mths):

ATC Exp Cert in Pos (yrs):

Dispatch Experience (yrs):

Flt Atndt Airline Exp (yrs):

Flt Attndt Aircraft Exp (yrs):  
Flt Attndt Total Exp (yrs):  
Flt Attndt Exp (yrs):  
Flt Crew Exp (last 90 days):  
Flt Crew Total Exp:  
Flt Crew Exp:  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function:            **TRAINEE**  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function:  
Personel Other Other Function:  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc:    **X**  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Attndt Qual Desc:  
Flt Crew Qual Desc:           **STUDENT**  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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NARRATIVE for Person 2

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Information For Person Sequence 3

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General Info

Reporting Organization:       **PERSONAL**  
Reporting Organization Other:  
Acft Cabin Activity:



Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Atndt Airline Exp (yrs):  
Flt Atndt Aircraft Exp (yrs):  
Flt Atndt Total Exp (yrs):  
Flt Atndt Exp (yrs):  
Flt Crew Exp (last 90 days):  
Flt Crew Total Exp:  
Flt Crew Exp:  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function: SINGLE PILOT  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function:  
Personel Other Other Function:  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc: Y  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndt Qual Desc:  
Flt Crew Qual Desc:  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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## NARRATIVE for Person 3

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### Information For Person Sequence 4

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#### General Info

Reporting Organization: CONTRACTED SERVICE

Reporting Organization Other:

Acft Cabin Activity:

Comm Breakdown Party 1:

Comm Breakdown Party 2:

ATC Exp Military (yrs):

ATC Exp Non-Radar (yrs):

ATC Exp Radar (yrs):

ATC Exp Supervisory (yrs):

ATC Exp Cert in Pos (mths):

ATC Exp Cert in Pos (yrs):

Dispatch Experience (yrs):

Flt Atndt Airline Exp (yrs):

Flt Atndt Aircraft Exp (yrs):

Flt Atndt Total Exp (yrs):

Flt Atndt Exp (yrs):

Flt Crew Exp (last 90 days):

Flt Crew Total Exp:

Flt Crew Exp:

Tech Maint Avionics Exp:

Tech Maint Avionics Exp:

Inspector Maint Exp:

Tech Lead Maint Exp:

Repairman Maint Exp:

Tech Maint Exp:

ATC Function:

Dispatch Function:

Flt Atndnt Function:

Flt Crew Function: SINGLE PILOT

Ground Personel Function:

Maint Personel Function:

Personel Other Function:

Personel Other Other Function:

Human Factors:

Location in Acft:

Location in Acft Other:

Person Location Desc:  
Person Location Acft Desc: Z  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndt Qual Desc:  
Flt Crew Qual Desc: COMMERCIAL  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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## NARRATIVE for Person 4

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## Information For Person Sequence 5

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### General Info

Reporting Organization: PERSONAL  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Atndt Airline Exp (yrs):  
Flt Atndt Aircraft Exp (yrs):  
Flt Atndt Total Exp (yrs):  
Flt Atndt Exp (yrs):  
Flt Crew Exp (last 90 days):  
Flt Crew Total Exp:  
Flt Crew Exp:  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:

Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function:  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function: PASSENGER  
Personel Other Other Function: JUMPERS  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc: Z  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndnt Qual Desc:  
Flt Crew Qual Desc:  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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NARRATIVE for Person 5

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END REPORT

ASIAS BRIEF REPORT

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GENERAL INFORMATION

Data Source: AVIATION SAFETY REPORTING SYSTEM  
Report Number: 562497  
Local Date(Yr/Mon): 200210  
Local Quarter Time: 0601-1200

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Synopsis

C172 STUDENT TRAINING FLT ENCOUNTERS SKYDIVERS DURING TOUCH-AND-GO TKOF CLB AT E80

ARPT.

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## Assesmmnt

Event Primary Problem: HUMAN FACTORS  
Event Contributing Factors: HUMAN FACTORS  
Envrionment Work Factor:  
General Results:  
Aircraft Event Results:  
ATC Event Results:  
Flight Crew Event Results: TOOK EVASIVE ACTION

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## Anomaly Information

Acft Equip Anomaly Desc:  
Airspace Anomaly Flag:  
ATC Anomaly Flag:  
Conflict Anomaly Desc:  
Alt Deviation Anomaly Desc:  
Procedure Deviation Anomaly Desc: PUBLISHED MATERIAL / POLICY  
Speed Deviation Anomaly Flag:  
Track/Heading Deviation Anomaly Flag:  
Flightdeck/Cabin event Anomaly Desc:  
Ground Encounter event Anomaly Desc:  
Ground Excursion event Anomaly Desc:  
Ground Incursion event Anomaly Desc:  
In-Flight event Anomaly Desc: OTHER / UNKNOWN  
Non Specific Anomaly Flag:  
Other Anomaly Flag: SEE AND AVOID  
Anomaly Detected - Person Desc: FLIGHT CREW  
Anomaly Detected - Auto Desc:

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## Location Information

Loc State Code: NM  
Loc Ref Airport Name E80.AIRPORT  
Loc Ref ATC Name :  
Loc Ref Intersection Name :  
Loc Ref NAVAID Name :  
Horizontal Miss Distance (ft): 0

Verical Miss Distance (ft): 400  
Magnetic Bearing (deg): 0  
Magnetic Bearing (deg):  
Reference ID Distance (nm): 0  
Altitude AGL - Single Value(ft) 0  
Altitude MSL - Single Value(ft)

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## Environmental Information

Weather Conditions: VMC  
Ceiling:  
Ceiling Single Value (ft):  
Light Condition: DAYLIGHT  
RVR Single value (ft):  
WX Elements Visual Desc:  
WX Elements Visual Desc Other:  
WX Elements Visual (sm):

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## Aircraft Information

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### Information for Aircraft Sequence 1

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Acft Make/Model Desc: SKYHAWK 172/CUTLASS 172  
Acft Operator Desc: FBO  
Acft Far Part: PART 91  
Acft Flight Mission: TRAINING  
Acft Flight Phase: TAKEOFF  
Acft Flight Plan: NONE  
Acft Nav in Use:  
Flight Crew Count: 2  
Cabin Crew Count:  
Passenger Count:  
Number of Seats:

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### Information for Aircraft Sequence 2

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Acft Make/Model Desc: COMMERCIAL FIXED WING  
Acft Operator Desc: PERSONAL

Acft Far Part: PART 91  
Acft Flight Mission: SKYDIVING  
Acft Flight Phase: CRUISE  
Acft Flight Plan: NONE  
Acft Nav in Use:  
Flight Crew Count: 1  
Cabin Crew Count:  
Passenger Count:  
Number of Seats:

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## Person Information

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### Information For Person Sequence 1

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#### General Info

Reporting Organization: FBO  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Attndt Airline Exp (yrs):  
Flt Attndt Aircraft Exp (yrs):  
Flt Attndt Total Exp (yrs):  
Flt Attndt Exp (yrs):  
Flt Crew Exp (last 90 days): 112  
Flt Crew Total Exp: 8542  
Flt Crew Exp: 900  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:

Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function: PILOT NOT FLYING  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function:  
Personel Other Other Function:  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc: X  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndnt Qual Desc:  
Flt Crew Qual Desc: MULTIENGINE  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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#### NARRATIVE for Person 1

LCL NOTAM PUBLISHED CONCERNING PARACHUTE JUMPING AT BELEN-ALEXANDER ARPT ON WKENDS. NOTICES WERE DISTRIBUTED TO FBO'S IN ALBUQUERQUE AREA DEPICTING DROP ZONE TO BE E OF THE RWY 3/21. THIS ARPT IS USED HEAVILY FOR STUDENT TRAINING. WHILE PRACTICING TOUCH-AND-GO LNDGS WITH PRE-SOLO FLT STUDENT ON RWY 3, JUMP ACFT WAS HEARD TO ANNOUNCE 'JUMPERS IN THE AIR.' FOLLOWING A TOUCH-AND-GO LNDG, SHORTLY AFTER LIFTOFF, MULTIPLE PARACHUTISTS WERE OBSERVED TO THE W AND IMMEDIATELY OVER THE RWY AT APPROX 500 FT AGL. MY ALT WAS ABOUT 100 FT AGL. I CONTINUED THE TKOF STRAIGHT AHEAD, PASSING BENEATH THE PARACHUTISTS. THERE IS A DROP ZONE LOCATED 3 MI S OF THE BELEN-ALEXANDER ARPT THAT DOES NOT CONFLICT WITH ACFT TFC. LATELY ON WKENDS, THE SKYDIVING COMPANY HAS BEEN JUMPING ONTO THE ARPT. THIS PRESENTS A HAZARD TO ACFT AND TO PARACHUTISTS. WHEN THE DROP ZONE ON THE ARPT IS IN USE, UPON HEARING THE CALL 'JUMPERS IN THE AIR,' ACFT IN THE TFC PATTERN SHOULD EXIT THE PATTERN BY THE MOST DIRECT RTE. IN THIS INSTANCE, DUE TO THE HIGH COCKPIT WORKLOAD BROUGHT ABOUT BY STUDENT INSTRUCTION, I WAS UNAWARE OF THE TIME LAPSE BTWN THE CALL OF 'JUMPERS IN THE AIR' AND EXECUTION OF THE TOUCH-AND-GO LNDG. CALLBACK CONVERSATION WITH RPTR REVEALED THE FOLLOWING INFO: RPTR REALIZED THAT HE SHOULD HAVE MADE FULL STOP LNDG AFTER HIS STUDENT TOOK OFF AND THEY THEN NOTICED THAT THEY WERE CLBING OUT UNDER THE DSNDRG SKYDIVERS. HE STATED THAT HE DID DISCUSS THIS MATTER WITH THE JUMP ACFT PLT THAT NORMALLY FLY THE SKYDIVERS AND LEARNED THAT THERE WAS ANOTHER ACFT AND PLT CONDUCTING THE OPS ON THE DAY OF THIS INCIDENT. THE SPECIAL NOTAM CALLED FOR THE JUMPERS TO LAND ON THE ARPT 300 FT SE OF THE RWY AND THAT IT WAS A CONTEST TO SEE HOW MANY JUMPS COULD BE MADE IN A SPECIFIED TIME AND WOULD NOT BE CONDUCTED ON A CONTINUOUS BASIS. APPROX 1 OR 2 PER YR.

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## Information For Person Sequence 2

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### General Info

Reporting Organization: FBO  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Atndt Airline Exp (yrs):  
Flt Atndt Aircraft Exp (yrs):  
Flt Atndt Total Exp (yrs):  
Flt Atndt Exp (yrs):  
Flt Crew Exp (last 90 days):  
Flt Crew Total Exp:  
Flt Crew Exp:  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function: TRAINEE  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function:  
Personel Other Other Function:  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc: X  
Person Loc Facility Acft Desc:  
ATC Qual Desc:

Dispatch Qual Desc:  
Flt Atndt Qual Desc:  
Flt Crew Qual Desc:           STUDENT  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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NARRATIVE for Person 2

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Information For Person Sequence 3

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General Info

Reporting Organization:           CONTRACTED SERVICE  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Atndt Airline Exp (yrs):  
Flt Atndt Aircraft Exp (yrs):  
Flt Atndt Total Exp (yrs):  
Flt Atndt Exp (yrs):  
Flt Crew Exp (last 90 days):  
Flt Crew Total Exp:  
Flt Crew Exp:  
Tech Maint Avionics Exp:  
Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function:               SINGLE PILOT  
Ground Personel Function:

Maint Personel Function:  
Personel Other Function:  
Personel Other Other Function:  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc:        Y  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndt Qual Desc:  
Flt Crew Qual Desc:  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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NARRATIVE for Person 3

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Information For Person Sequence 4

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General Info

Reporting Organization:            PERSONAL  
Reporting Organization Other:  
Acft Cabin Activity:  
Comm Breakdown Party 1:  
Comm Breakdown Party 2:  
ATC Exp Military (yrs):  
ATC Exp Non-Radar (yrs):  
ATC Exp Radar (yrs):  
ATC Exp Supervisory (yrs):  
ATC Exp Cert in Pos (mths):  
ATC Exp Cert in Pos (yrs):  
Dispatch Experience (yrs):  
Flt Atndt Airline Exp (yrs):  
Flt Atndt Aircraft Exp (yrs):  
Flt Atndt Total Exp (yrs):  
Flt Atndt Exp (yrs):  
Flt Crew Exp (last 90 days):  
Flt Crew Total Exp:  
Flt Crew Exp:  
Tech Maint Avionics Exp:

Tech Maint Avionics Exp:  
Inspector Maint Exp:  
Tech Lead Maint Exp:  
Repairman Maint Exp:  
Tech Maint Exp:  
ATC Function:  
Dispatch Function:  
Flt Atndnt Function:  
Flt Crew Function:  
Ground Personel Function:  
Maint Personel Function:  
Personel Other Function: PASSENGER  
Personel Other Other Function: JUMPERS  
Human Factors:  
Location in Acft:  
Location in Acft Other:  
Person Location Desc:  
Person Location Acft Desc: Y  
Person Loc Facility Acft Desc:  
ATC Qual Desc:  
Dispatch Qual Desc:  
Flt Atndnt Qual Desc:  
Flt Crew Qual Desc:  
Maint Prsnl Qual Desc:  
Prsnl Otr Qual Desc:

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NARRATIVE for Person 4

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END REPORT