

Global Exec Aviation
Learjet 60
Columbia, South Carolina
September 19, 2009
DCA08MA098

**National Transportation Safety Board
Washington, DC**

Survival Factors Group Chairman's Report

Attachment 3

Runway Safety Area Data Sheet

6 pages

Runway Safety Area Data Sheet

Save Date: 9/23/2008

Locid: **CAE** Airport: **COLUMBIA METROPOLITAN**
 Region: **ASO**
 ADO: **ATL** City/State: **COLUMBIA** **SC**

Runway: **11/29**

Runway Approach Ends: **11** **29**

Length: **8601**
 Width: **150**
 Part 139:

Actual RSA Length:	1,000	1,000
Actual RSA Width:	500	500
RSA Grade Std?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dimensions Uniform?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CRITICAL AIRCRAFT:

Approach Category: **D**
 Design Group: **V**

Visibility Minimums: **<3/4 mile**

STANDARD RUNWAY SAFETY AREA:

Length: **1,000**
 Width: **500**

RSA Determination	
Currently Meets Standards	<input checked="" type="radio"/> <input checked="" type="radio"/>
Practicable to Meet Standards	<input type="radio"/> <input type="radio"/>
Can be Improved But Will Not Meet Standards	<input type="radio"/> <input type="radio"/>
All practicable improvements complete	<input type="radio"/> <input type="radio"/>

Improvements	
RSA Construction/Expansion:	<input checked="" type="checkbox"/> <input type="checkbox"/>
Runway Realignment or Relocation:	<input type="checkbox"/> <input type="checkbox"/>
Shift Runway:	<input type="checkbox"/> <input type="checkbox"/>
Declared Distances:	<input type="checkbox"/> <input type="checkbox"/>
Departure End EMAS:	<input type="checkbox"/> <input type="checkbox"/>
Other:	<input type="checkbox"/> <input type="checkbox"/>

Existing Conditions

Confirmed 7/10/08 that RW-11 ALS is non-frangible.

NAVAID improvements needed to meet standards
 Improvement Plan

Survey Validation Date **05/09/08**

NAVAIDs Date Remaining Costs

Milestones		Construction Contract Progress	
Study	Status: <input type="text"/> <input type="text"/>	Completion: <input type="text"/>	As of
Environmental	Status: <input type="text"/> <input type="text"/>	Completion: <input type="text"/>	
Funding	Status: <input type="text"/> <input type="text"/>	Completion: <input type="text"/>	
Improvement	Status: Complete <input type="text"/>	Completion: 2001 <input type="text"/>	
		Start Date: <input type="text"/>	<input type="checkbox"/> Actual
		Contract Days: <input type="text"/>	}
		Percent Complete: <input type="text"/>	
		Completion Date: <input type="text"/>	<input type="checkbox"/> Actual

RSA Determination

Approving Official _____

RSA Determination Date **08/01/00**

Save Date: 9/23/2008

Runway Safety Area Data Sheet

Locid: CAE

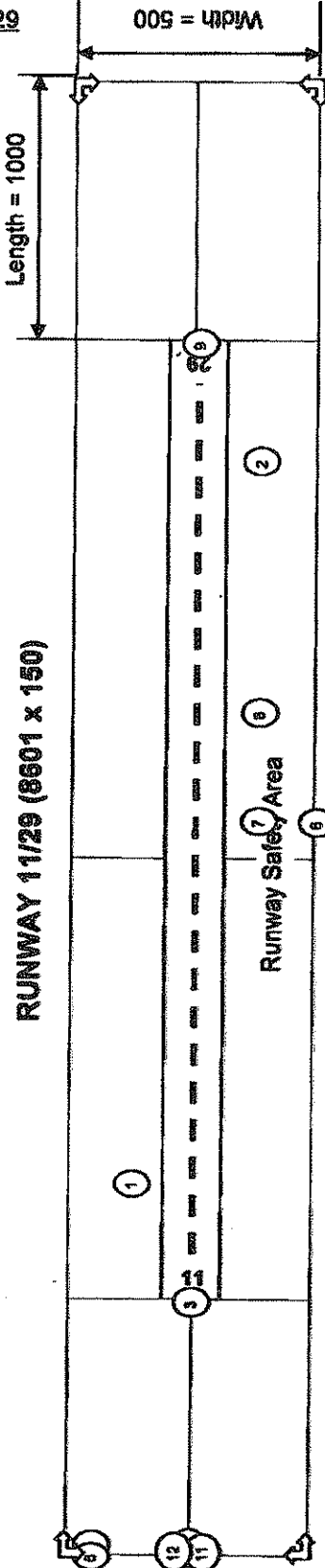
Airport: COLUMBIA METROPOLITAN

Region: ASO

Rwy: 11/29

City/State: COLUMBIA SC

ADO: ATL



TORA = 8601
TODA = 8601
ASDA = 8601
LDA = 8601

TORA = 8601
TODA = 8601
ASDA = 8601
LDA = 8601

Object Identification		Object Location			Object Status					Connecting Object		
No.	Type	Name	Rwy End	Rwy End Dist	L/R	L/R Dist	Fixed By Function	Can Be Relocated	Frangible	Frangible to 3 inches	High Mass	Owner
1	VNAVAID	PAPI-11	11	1050	L	125	✓		✓			Airport
2	VNAVAID	PAPI-29	29	1050	L	125	✓		✓			Airport
3	VNAVAID	ALS-11	11	0	R	0	✓		✓			FAA
4	SITE	ROAD	11	-950	L	200						Off Airport
5	SITE	ROAD	11	-1000	L	200						Off Airport
6	VNAVAID	RVR	29	4300	L	245	✓		✓			FAA
7	SITE	PWR BOX	29	4300	L	125		✓				FAA
8	SITE	PWR BOX	29	3300	L	125		✓				FAA
9	VNAVAID	ALS-29	29	0	L	0	✓		✓			FAA
10	SITE	ALS PWR BOXE	11	-980	R	0		✓			✓	FAA
11	SITE	FENCE	11	-990	R	30						Airport
12	SITE	FENCE	11	-990	L	30						Airport

Runway Safety Area Data Sheet

Save Date: 1/8/2008

Locid: CAE Airport: COLUMBIA METROPOLITAN
 Region: ASO
 ADO: ATL City/State: COLUMBIA

Runway: 11/29 Runway Approach Ends: 11 29
 Length: 8601 Actual RSA Length: 1,000 1,000
 Width: 150 Actual RSA Width: 500 500
 Part 139: RSA Grade Std?
 Dimensions Uniform?

CRITICAL AIRCRAFT:
 Approach Category: D
 Design Group: V
 Visibility Minimums: <3/4 mile

RSA Determination
 Currently Meets Standards
 Practicable to Meet Standards
 Can be Improved But Will Not Meet Standards
 All practicable improvements complete

STANDARD RUNWAY SAFETY AREA:
 Length: 1,000
 Width: 500

Improvements
 RSA Construction/Expansion:
 Runway Realignment or Relocation:
 Shift Runway:
 Declared Distances:
 Departure End EMAS:
 Other:

Existing Conditions

0

NAVAID improvements may be necessary to meet standards

Survey Validation Date 03/13/07

Improvement Plan

Improvement Date 2001 NAVAIDs Date Remaining Costs

RSA Determination

Date 08/01/00

RSA Funding Plan

ACIP	Year	Amount
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Same
 5/9/06 [Signature]

Runway Safety Area Data Sheet

Save Date: 1/8/2008

Locid: CAE

Airport: COLUMBIA METROPOLITAN

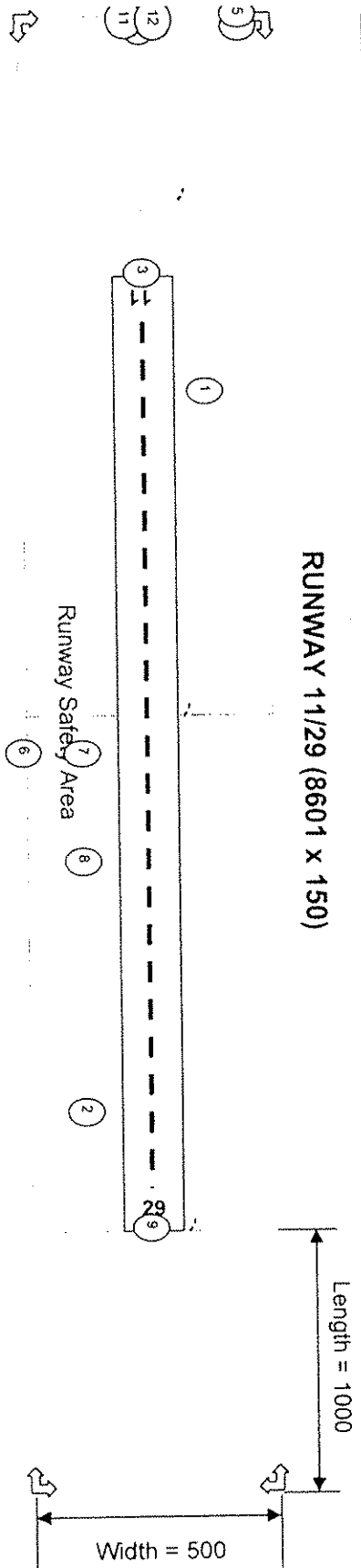
Region: ASO

City/State: COLUMBIA

SC

ADO: ATL

RUNWAY 11/29 (8601 x 150)



Object Identification		Object Location				Object Status				Owner	Connectin g Object		
No.	Type	Name	Rwy End	Rwy End Dist	L/R	L/R Dist	Fixed By Function	Can Be Relocated	Frangible	Frangible to 3 inches	High Mass		
1	VNAVAID	PAPI-11	11	1050	L	125	✓		✓	✓		Airport	
2	VNAVAID	PAPI-29	29	1050	L	125	✓		✓	✓		Airport	
3	VNAVAID	ALS-11	11	0	R	0	✓					FAA	
4	SITE	ROAD	11	-950	L	200						Off Airport	
5	SITE	ROAD	11	-1000	L	200						Off Airport	4
6	ENAVAID	RVR	29	4300	L	245	✓		✓	✓		FAA	
7	SITE	PWR BOX	29	4300	L	125		✓				FAA	
8	SITE	PWR BOX	29	3300	L	125		✓				FAA	
9	VNAVAID	ALS-29	29	0	L	0	✓		✓	✓		FAA	
10	SITE	ALS PWR BOX	11	-980	R	0		✓			✓	Airport	
11	SITE	FENCE	11	-990	R	30						Airport	
12	SITE	FENCE	11	-990	L	30						Airport	11

Runway Safety Area Data Sheet

Save Date: 1/8/2008

Locid: **CAE** Airport: **COLUMBIA METROPOLITAN**
 Region: **ASO**
 ADO: **ATL** City/State: **COLUMBIA**

Runway: **05/23**

Runway Approach Ends: **05** **23**

Length: **8001**
 Width: **150**
 Part 139:

Actual RSA Length:	1,000	500
Actual RSA Width:	500	500
RSA Grade Std?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dimensions Uniform?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CRITICAL AIRCRAFT:

Approach Category: **D**
 Design Group: **V**

Visibility Minimums: **<3/4 mile**

RSA Determination	
Currently Meets Standards	<input checked="" type="radio"/> <input checked="" type="radio"/>
Practicable to Meet Standards	<input type="radio"/> <input type="radio"/>
Can be Improved But Will Not Meet Standards	<input type="radio"/> <input type="radio"/>
Not Practicable to Improve	<input type="radio"/> <input type="radio"/>

STANDARD RUNWAY SAFETY AREA:

Length: **1,000**
 Width: **500**

Improvements	
RSA Construction/Expansion:	<input type="checkbox"/> <input type="checkbox"/>
Runway Realignment or Relocation:	<input type="checkbox"/> <input type="checkbox"/>
Shift Runway:	<input type="checkbox"/> <input type="checkbox"/>
Declared Distances:	<input type="checkbox"/> <input checked="" type="checkbox"/>
Departure End EMAS:	<input type="checkbox"/> <input type="checkbox"/>
Other:	<input type="checkbox"/> <input type="checkbox"/>

Existing Conditions

Standards are achieved through the use of declared distances

Survey Validation Date: **03/13/07**

Improvement Plan

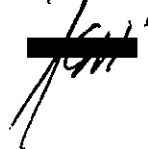
RW-5/23 meets RSA stds thru implementation of declared distances. The RW-23 threshold is displaced 1000' due to
 Improvement Date: NAVAIDs Date: Remaining Costs: \$0

RSA Determination

Date: **06/01/00**

RSA Funding Plan

ACIP	Year	Amount

SAME 5/9/08


Runway Safety Area Data Sheet

Save Date: 1/8/2008

Locid: CAE

Airport: COLUMBIA METROPOLITAN

Region: ASO

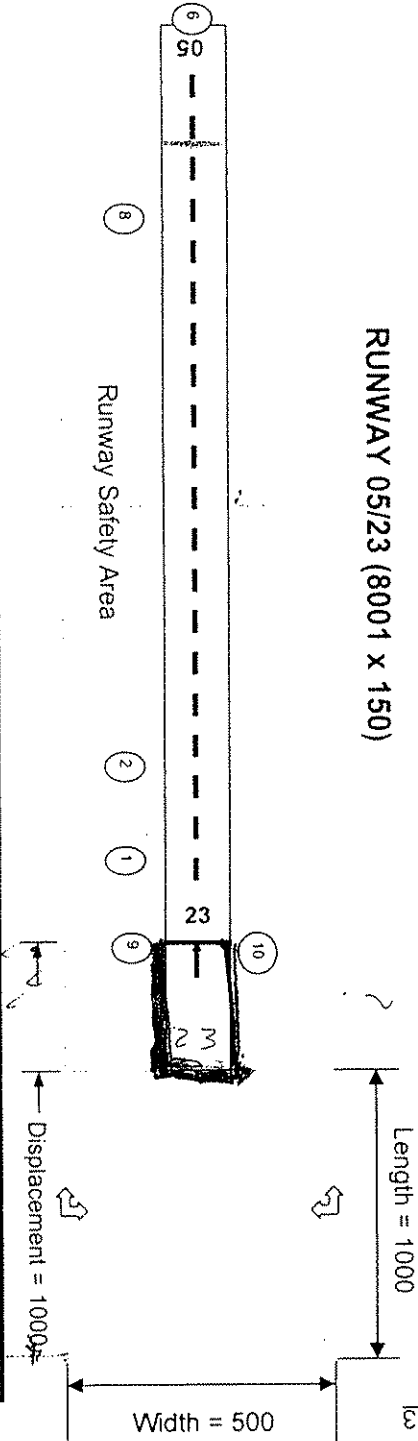
City/State: COLUMBIA

SC

ADO: ATL

CAE - 05/23

RUNWAY 05/23 (8001 x 150)



Object Identification			Object Location				Object Status			Owner	Connecting Object	
No.	Type	Name	Rwy End	Rwy End Dist	L/R	L/R Dist	Fixed By Function	Can Be Relocated	Frangible			Frangible to 3 inches
1	VNAVAID	VASI-23	23	1600	L	125	✓		✓	✓	FAA	
2	VNAVAID	VASI-23	23	2300	L	125	✓		✓	✓	FAA	
6	VNAVAID	ALS-05	5	-10	R	0	✓		✓	✓	FAA	
8	VNAVAID	PAPI-05	5	1500	R	125	✓		✓	✓	FAA	
9	VNAVAID	REIL-23	23	919	L	117	✓		✓	✓	FAA	CAE
10	VNAVAID	REIL-23	23	919	R	117	✓		✓	✓	FAA	CAE