



U. S. Department
of Transportation

Federal Aviation
Administration

WASHINGTON AIRPORTS DISTRICT OFFICE

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October 11, 2007

Michael St. Jean, Manager
Virginia Tech/Montgomery Executive Airport
1600 Ramble Road
Blacksburg, VA 24060

**Re: Virginia Tech/Montgomery Executive Airport
Airport Layout Plan Update – Runway Protection Zone Determinations
AIP Project No. 3-51-0002-010**

Dear St. Jean:

The Federal Aviation Administration has reviewed the submitted documentation from Virginia Tech/Montgomery Executive Airport for the determination of land use compatibility within the proposed Runway Protection Zone (RPZ) for Runway 12. The RPZs function is to enhance the protection of people and property on the ground. This is primarily accomplished through the airport ownership. Our preference is fee ownership but in this case fee simple maybe too costly of an option.

From the documentation presented there are 14 buildings/structures out of the 58 that impact the proposed RPZ. Our determination of these 14 buildings/structures is listed on separate sheets. In general, athletic fields are not compatible land uses within the RPZ. Also, please verify any impacts these fields may have to the Runway Object Free Area (ROFA).

Please note our determination of acceptability is based on current use of the buildings any changes to the functions of the buildings/structures may affect the RPZ determination.

Please review the enclosed information and coordinate with the University. Please inform us if the University confirms that the farm area can still function with these buildings removed/relocated.

Should you have any questions or require additional information, please feel free to contact me.

Sincerely,

Luis Loarte
Airport Planner

Enclosure

cc: Susan Simmers, DOAV

Dan McKinney, Campbell and Paris

FAA Determination of Buildings/Structures within the Proposed Runway Protection Zone for Runway 12.

CPE #	Bldg. #	GSF	Bldg. Name	Year Const.	In or out of RPZ	FAA Determination
	184	1,800	Recreational Area Storage Bldg.	1974	Outside	Not applicable
	184A	987	South Recreation Toilets	1988	Outside	Not applicable
	207H	1,763	Modular Office	2006	Outside	Not applicable
16	313	1,993	VT Information/ Visitor Ctr.	1942	Corner	Not Compatible, survey needs to be completed to verify the extent of building in RPZ
	316	1,138	Residence	1955	Outside	Please verify the impact to ROFA
	366	709	Seismograph Bldg.	1962	Outside	Impacted by road relocation
	470	1,200	Calan Feed Barn	2004	Inside	Not Compatible, in addition it was constructed after the 1995 approved ALP
	471	72	Pump House	2004	Corner	Compatible, constructed after the 1995 approved ALP,
	477B		Sewage Tank	1995	Inside	Compatible, not an impact
1	481	4,961	Loafing Barn	1962	Inside	Not Compatible
2	481A	1,014	Milking Parlor	1962		Can be razed, please do.
2	481B	1,760	Baled Hay Storage/ Feeder	1962	Inside	Compatible
	481C	1,188	Ensilage Feeder	1962	Inside	Compatible based on usage but an EA may determine bird attractant
	481D		Silo		Inside	Compatible based on usage but an EA may determine bird attractant

	481E		Silo		Inside	Compatible based on usage but an EA may determine bird attractant
3	482	4,961	Choreboy barn	1962	Inside	Not compatible due to frequency of use
5	482A	1,083	Old Calan Feed Mix bard	1962	Inside	Not Compatible
6	482B	1,100	Old Calan Feed Area	1962	Inside	Compatible
	482C	391	Chopped Hay Feeder – C	1962	Inside	Compatible
	482D	391	Chopped Hay Feeder – D	1962	Inside	Compatible
6	482E	184	Choreboy Feed Trough		Inside	Compatible
4	482F		Leased Office Trailer		Inside	Not Compatible, please relocate or raze
7	483	6,601	Calf Barn	1962	Inside	Not Compatible
	483A		Grain Bin	1962	Inside	Compatible
9	484	2,019	Bull Barn	1962	Inside	Not Compatible
	484C		Two Grain Bins	1962	Inside	Compatible based on usage but an EA may determine bird attractant
11	485	4,565	Equipment Shed	1962	Inside	Not Compatible
11	485A		Nitrogen Tank			Compatible
12	486	2,700	Equipment Shed	1962	Inside	Compatible
13	487C		House Trailer		Inside	Not Compatible; should have been removed in summer of 2007
10	488	7,087	New Bull Barn	1983	Inside	Not Compatible
8	488A	1,220	Pen Pointer Facility at New Bull Barn	1983	Inside	Not Compatible
	491A		Grain Barn	1962	Inside	Compatible
	491B		Grain Barn	1962	Inside	Compatible

15	492	5,000	Dry Stack Manure Barn	2001	Outside	Compatible, please verify the impact to ROFA
	493		Shed	1985	Inside	Compatible
14			House Trailer			Removed
17			Athletic Fields 1	After 1995	Inside	Not Compatible
17			Athletic Fields 2	After 1995	Inside	Not Compatible
17			Athletic Fields 3	After 1995	Inside	Not Compatible
17			Athletic Fields 4	After 1995	Inside	Not Compatible
	469A	3,200	Hay Barn	2005	Outside	Not applicable
	469B	9,000	Bunker Silos	2005	Outside	Not applicable
	469C	1,947	Commodities Shed	2005	Outside	Not applicable
	472	6,256	Dry Stack Manure Barn	2004	Outside	Not applicable
	473	43,250	Free Stall Barn	2004	Outside	Not applicable
	474	5,205	Milking Center	2004	Outside	Not applicable
	475	7,709	William M. Etgen Dairy Pavilion	1962	Outside	Not applicable
	477A		Sewage Lagoon	1995	Outside	Not applicable
	477C		Sewage Tank	2004	Outside	Not applicable
	477D		Sewage Tank	2004	Outside	Not applicable
	477E		Settlement Basin	2004	Outside	Not applicable
	484A	314	Silo	1962	Outside	Not applicable
	484B	314	Silo	1962	Outside	Not applicable
	484D		Silo	1985	Outside	Not applicable
	484E		Silo	1985	Outside	Not applicable
	489	3040	New Heifer Barn	1983	Outside	Not applicable
	492A		Grain Tank	2001	Outside	Not applicable,

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To: Luis Loarte FAA
Susan Simmers DOAV

From: Dan McKinney, Campbell & Paris

Date: June 20, 2007

RE: BCB Runway 12 RPZ: Virginia Tech Inventory of Buildings.

Attached is the inventory of buildings, photos, and description of each buildings function that is within the proposed Runway 12 RPZ. This information was requested from Virginia Tech following our February 27th meeting with the University, where we discussed and toured the proposed RPZ area. The information was provided in an effort to help determine if all or any of the uses can be considered appropriate within the future RPZ or if all or some of the structures would need to be removed.

The proposed ALP for BCB currently indicates/recommends the removal of structures from the future RPZ. However, based on the determination by the FAA / DOAV on the appropriateness of the structures within the future RPZ the proposed ALP will be changed accordingly.

If you have questions please do not hesitate to contact me.

Dan McKinney

Cc: Kyle Allison

Buildings/Structures Within Airport Runway Protection Zone

6/6/2007

CPE #	Bldg #	GSF	Building Name	Year Const.
	184	1,800	Recreational Area Storage Building	1974
	184A	987	South Recreation Toilets	1988
	270H	1,763	Modular Office	2006
16	313	1,993	Vt Information/Visitor Ctr	1942
	316	1,138	Residence	1955
	366	709	Seismograph Building	1962
	470	1,200	Calan Feed Barn	2004
	471	72	Pump House	2004
	477B		Sewage Tank	1995
1	481	4,961	Loafing Barn	1962
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	481D		Silo	
	481E		Silo	
3	482	4,961	Choreboy Barn	1962
5	482A	1,083	Old Calan Feed Mix Barn	1962
6	482B	1,100	Old Calan Feed Area	1962
	482C	391	Chopped Hay Feeder - C	1962
	482D	391	Chopped Hay Feeder - D	1962
6	482E	184	Choreboy Feed Trough	
4	482F		Leased Office Trailer	
7	483	6,601	Calf Barn	1962
7	483A		Grain Bin	1962
9	484	2,019	Bull Barn	1962
	484C		Two Grain Bins	1962
11	485	4,565	Equipment Shed	1962
11	485A		Nitrogen Tank	
12	486	2,700	Equipment Shed	1962
13	487C		House Trailer	
10	488	7,087	New Bull Barn	1983
8	488A	1,220	Pen Pointer Facility At New Bull Barn	1983
	491A		Grain Bin	1962
	491B		Grain Bin	1962
15	492	5,000	Dry Stack Manure Barn	2001
	493		Shed	1985
14			House Trailer (Removed)	
17			Athletic Fields1	
17			Athletic Fields2	
17			Athletic Fields3	
17			Athletic Fields4	
	469A	3,200	Hay Barn	2005
	469B	9,000	Bunker Silos	2005
	469C	1,947	Commodities Shed	2005
	472	6,256	Dry Stack Manure Barn	2004
	473	43,250	Free Stall Barn	2004
	474	5,205	Milking Center	2004
	475	7,709	William M. Etgen Dairy Pavilion	1962
	477A		Sewage Lagoon	1995
	477C		Sewage Tank	2004
	477D		Sewage Tank	2004
	477E		Settlement Basin	2004
	484A	314	Silo	1962
	484B	314	Silo	1962
	484D		Silo	1985
	484E		Silo	1985
	489	3,040	New Heifer Barn	1983
	492A		Grain Tank	2001