Future Flight Design			
2007 Mathematics			
Core Curriculum			
Utah Mathematics			
Grade 5			
Activity/Lesson	**State**	**Standards**	
Aircraft Design Problem	UT	MA.5.3.2.c	Specify possible paths between locations on a coordinate plane and compare distances of the various paths.
Future Flight Design			
2007 Mathematics			
Core Curriculum			
Utah Mathematics			
Grade 6			
Activity/Lesson	**State**	**Standards**	
Aircraft Design Problem	UT	MA.6.3.2.a	Rotate a polygon about the origin by a multiple of 90° and identify the location of the new vertices.
Aircraft Design Problem	UT	MA.6.3.2.b	Translate a polygon either horizontally or vertically on a coordinate grid and identify the location of the new vertices.
Aircraft Design Problem	UT	MA.6.3.2.c	Reflect a polygon across either the x- or y-axis and identify the location of the new vertices.
Future Flight Design			
2007 Mathematics			
Core Curriculum			
Utah Mathematics			
Grades 7-8			
Activity/Lesson	**State**	**Standards**	
Air Transportation Problem	UT	MA.7-8.5.2.a	Formulate questions that can be answered through data collection and analysis.