

**AIR FORCE ASSOCIATION  
AIR FORCE JROTC GRANT APPLICATION**

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Please type or print this information in black ink.

**Aerospace Science Instructor's (ASI) Information:**

ASI's NAME Abrahamson Susan R-W  
Last First Middle Initial

Last four numbers of your Social Security Number 9001

School Phone Number 218-728-7456

E-Mail Address susan.abrahamson@duluth.k12.mn.us School Fax Number 218-728-7460

School Name Woodland Middle School

School Address 201 Clover Street Duluth MN 55812  
Street City State Zip

**Purpose of the Grant:**

Purpose of Grant To fund classroom supplies in support of our science curriculum program,  
Path to Aviation - Gilruth Continuum, presented in collaboration with the Duluth Aviation Institute.

Dollar amount requested (up to \$250) \$250

Number and age of students benefitting from grant: 300 11-12 year olds

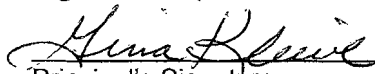
ASI's Goal by Receiving a Grant To enrich our students' aviation experience and understanding of aerospace principles.

ASI's Previous Aerospace Activities Collaborated with the Duluth Aviation Institute to develop the Path to Aviation  
program for ISD 709 6th grade science teachers and piloted the program during the 2010-11 school season.

If you are going outside of the school on a field trip, provide the name and address of the organization your students will visit.

Duluth Aviation Institute, Hangar 10, Sky Harbor Airport, 5000 Minnesota Ave., Duluth, MN 55802

**Signatures: (Attach business card of school or principal)**

  
Principal's Signature

Gina Kleive  
Print Principal's Name

  
ASI's Signature

12-Oct-11  
Date this form was signed

Mail Documents to: Holm Center/AFJROTC JRO Phone: 1-800-522-0033 Ext 4645  
551 E Maxwell Blvd Bldg 500 Fax: 1-334-953-1953  
Maxwell AFB, AL 36112-6106

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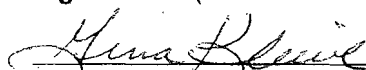
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# DULUTH AVIATION INSTITUTE

preserving yesterday, inspiring today, exploring tomorrow

## First Semester Draft Schedule Path to Aviation – Gilruth Continuum Program

### Woodland Middle School

Lesson	Team 3 Susan Abrahamson	Team 2 Peter Fröehlingsdorf	Team 1 Linda Hagstrom
<b>Teacher Workshop Lessons 1-3</b>	To be scheduled between October 10-24		
<b>LESSON 1: Aircraft Basics</b> What are the parts of an airplane?	Tuesday October 25	Wednesday October 26	Thursday October 27
<b>LESSON 2: Flight Controls</b> How does a pilot control the airplane?	Tuesday November 1	Wednesday November 2	Thursday November 3
<b>LESSON 3: Forces of Flight</b> How does the airplane fly?	Tuesday November 8	Wednesday November 9	Thursday November 10
<b>Lesson 3: Second Session</b>	Tuesday November 15	Wednesday November 16	Thursday November 17
<b>Teacher Workshop Lessons 4-6</b>	To be scheduled before November 23		
<b>LESSON 4: Weight and Gravity</b> Can an airplane be too heavy?	Tuesday November 29	Wednesday November 30	Thursday December 1
<b>LESSON 5: Flight Instruments</b> What do all those gauges do?	Tuesday December 6	Wednesday December 7	Thursday December 8
<b>LESSON 6: Weather Wise</b> How does the weather affect flying?	Tuesday December 13	Wednesday December 14	Thursday December 15
<b>Teacher Workshop Lessons 9-11</b>	To be scheduled before December 19		
<b>LESSON 7: Flight Planning</b> How does a pilot know where to fly?	Tuesday December 20	Wednesday December 21	Thursday December 22
<b>Lesson 7: Second Session</b>	Tuesday January 3	Wednesday January 4	Thursday January 5
<b>LESSON 8: Turn the Radio On</b> How do pilots understand each other?	Tuesday January 10	Wednesday January 11	Thursday January 12
<b>LESSON 9: Traffic Patterns</b> How do pilots know where to land?	Tuesday January 17	Wednesday January 18	Thursday January 19
<b>Young Eagles Day</b>	Weather Dependent Saturday		