Hiller Aviation Museum

- Open 10 AM–5 PM, 7 Days Per Week
- Special Events Each Month
- Year-Round Education Programs
Special Events

• Holiday Helicopter Events

• Model Train Displays

• Summer Family Wednesday Events

• Special Aircraft Fly-Ins
Education Programs

- Field Trips
- Half Day Take Flight
- Scout Badge/Patch
- Summer Aviation Camp
The Science of Flight

- Motion
- Energy
- Aircraft Control
The Wright Brothers

- Studied Flight Scientifically
- Conducted Tests on the Ground and With Gliders
- Mastered the Four Forces of Flight
Four Forces of Flight
Lift

- Moving Wing Pushes Air Down
- Air Pushes Up on Wing
- Result is Lift
Lift at Work
Weight

- Force of Gravity Pulls Aircraft’s Mass Towards Ground
- Aircraft Designed to be Lightweight
Drag

• Slows Down Aircraft In Flight

• Adjust Drag to Control Airspeed
Maximum Drag
Thrust

• Pushes Airplane Forward

• Provided by Engines
Thrust in Action
Let’s Explore Flight