



Show Sequence 2008/2009

Announcer- Primary Sponsor Ingenium -

- Ingenium is pronounced like "ingenious" ending in an "m" sound.
- Please mention Ingenium's name as shown below during Downward Bomb Burst (#1) and Photo Pass (#11)
- Additionally, Use the attached "Ingenium Talk Points" Sheet to mention Ingenium.

Opening Maneuver

1. Downward Bomb Burst- from high overhead, the Aerostars will perform a $\frac{3}{4}$ loop to a downward bomb burst. Watch closely as number two and three fly simultaneous $\frac{1}{2}$ Cuban 8's and end up heading straight at each other. (35-40 sec between each numbered maneuver)
Ingenium has 3 separate companies, Ingenium Testing, Ingenium Technologies, and Ingenium Aerospace, Together the 3 Ingenium companies are a tightly aligned precision team.
2. Loop - from your right a big roundhouse loop in a tight VIC formation. Wings are overlapping 4 feet!!!
3. Barrel Roll - from your left/right the team will do a barrel roll in VIC formation. Hardest maneuver to do in formation because the leader is constantly changing his aircraft in three dimensions. The wingmen are definitely warmed up after this maneuver.
4. Line Abreast Loop - line abreast formation
- Another very difficult formation to maintain due to the lack of visual cues for the wing men
5. Breakaway cross - begins with a half loop with a quarter roll on the down line. The team makes a crossing break followed by a head on near miss pass between 2 and 3.

6. Flip and the Flop - Lead and 2 rejoin for flip and the flop maneuver - rolling together in close trail formation.
7. Pierced Heart - for the sweet-hearts in the crowd. Lead and two make a heart with smoke. The heart is completed with the piercing of cupid's arrow.
8. Loop - a tight VIC loop to reposition and give the wingmen a chance to have a break!!!!
9. Line Abreast Loop - Line abreast changing to VIC formation during the loop! Immediately followed by a game of follow the leader in a simulated WWII dog fight.
10. Squirrel Cage - all three aircraft roll together to create braided smoke trails
11. Twinkie Roll - lead aircraft inverted while two and three remain in a tight VIC formation. All aircraft roll to the upright Vic formation.
12. Photo pass in VIC formation.
 - The Aerostars' proud sponsors [Ingenium Testing](#), [Ingenium Technologies](#) and [Ingenium Aerospace](#) are unrivaled in their dedication, precision and professionalism.
13. Break for landing.

Thank you to our sponsors:

[Ingenium Technologies](#)

[Ingenium Testing](#)

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Citizens Finance

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Easy Heat

Sennheiser Headsets

Cannon Insurance

Ingenium Talk Points

(Ingenium is pronounced like "ingenious" ending in an "m" sound.)

Ingenium General:

- Ingenium employs 200 people and is headquartered in Rockford, Illinois.
- Ingenium's bright engineers have over 100 patents to their credit with an average 25+ years of experience.
- Ingenium can be found on the web at Ingenium.com. Please visit their site soon and let them know you saw the Aerostars' awe inspiring show.
- The Ingenium companies have long established roots in the aerospace industry and are engineering leaders in product design and analysis, testing, and manufacturing.

Please talk about each of 3 Ingenium companies equally:

1. **Ingenium Aerospace** specializes in designing and manufacturing custom motion control devices for aircraft and future vehicles.
 - Ingenium Aerospace provides primary flight controls for the commercialization of space tourism.
 - Ingenium Aerospace offers a world-class engineering team that will provide customized business solutions for your motion control needs at highly efficient rates.
2. **Ingenium Testing** is the most modern, state-of-the-art EMC testing facility in North America.
 - Ingenium Testing offers EMC testing services for the aerospace, military, wireless, automotive and commercial markets.
 - With a unique, customer-based approach to business, Ingenium Testing creates partnerships to serve your EMC compliance needs today and in the future.
 - Ingenium Testing are specialist in EMC testing the latest hybrid vehicles like the Boeing 787 and composite aircraft.
3. **Ingenium Technologies** provides high tech engineering services and software development to the aerospace and industrial communities.
 - Ingenium Technologies offers a full array of services including: Design & Development, Analysis, Software, Simulation & Modeling, Prototyping and Operations Consulting.
 - Whether a customer needs a little assistance or requires complete product life-cycle support, Ingenium Technologies is equipped with a mix of services to ensure all development goals are met.