HANDS-ON GEOMETRYAI + FLOW360 WORKSHOPS · CALIFORNIA · NOVEMBER 2026

Experience agentic simulation at GPU-native speed

Come learn how GeometryAI fully automates preprocessing, enabling agentic CFD, from raw CAD to results in minutes.

SPEED	INPUT	COVERAGE	IMPACT
Weeks to minutes	**Dirty CAD in, watertight out**	**The full envelope**	**Agentic CFD**
Clean-up and meshing are fully automated and run in under 30 minutes.	Overlapping bodies, open edges and internals handled with no manual repair.	Control surface deflections and configuration changes on the original CAD.	Fully agentic, end-to-end workflows. Bring simulation into early design and explore your full mission envelope.

SUNNYVALE
Wed 18 Nov · 10:45 AM to 2:45 PM PT
Advanced Air Mobility / eVTOL

EL SEGUNDO
Thu 19 Nov · 10:30 AM to 3:00 PM PT
Aerospace & Defense / UAVs and missiles

FORMAT
In person, hands-on
Lunch included. 40 seats per location.

Reserve your seat

Bring a laptop. Guided by Flexcompute engineers.

HOW THE WORKSHOP WORKS

Learn how it works, then run it yourself

TALK
About the technology
How GeometryAI is built, from first principles to turning dirty CAD into high-quality meshes.

HANDS-ON
Hands-on tracks
Two use cases, run by hand or through our AI interfaces.

Parrot ANAFI drone
~50k-face manufacturer CAD, cleaned and simulated whole.
`22M nodes · 2.3 min steady · 8 min transient`

V-22 tiltrotor
Any control deflection or proprotor tilt, straight from raw CAD.
`34M nodes · 3 min steady · 12 min transient`

HANDS-ON · OPTIONAL
Additional resources
Alongside the main tracks.

HVAB rotor
Repair a broken IGES blade and run the collective sweep, validated against NASA data.
`120M nodes · 18 min hover solve`

REVEALED LIVE
Something new
Unrevealed. Shown first in the room.

GUEST SPEAKERS
Hear it from the teams using it
Aircraft teams share how GeometryAI and Flow360 speed up their programs.

SUNNYVALE · 18 NOV
Speakers announced soon

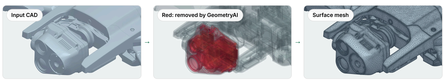
EL SEGUNDO · 19 NOV
Speakers announced soon

Helpers walk the room, and every case has a known-good result ready.

01 MAIN TRACK · AUTOMATED CLEAN-UP · PARROT ANAFI DRONE

CAD exactly as the manufacturer ships it, meshed with no manual repair

GeometryAI works out which faces the flow actually touches and follows your intent. It closes the camera cooling channels you choose not to keep, leaves open the fuselage openings you want to keep, removes internals and repairs broken connectivity. The detail that matters stays: the rotor blades keep their leading-edge tubercles.

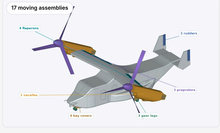


~50k	~40%	~60	22 min	2.3 min
CAD faces in the full assembly, uncleaned	of the camera's faces removed automatically	gaps closed	to mesh with GeometryAI	steady-state solve with Flow360

02 MAIN TRACK · CONFIGURATIONS · V-22 TILTROTOR

One CAD file, no mates, no hinges defined. The agent finds them.

The agent finds every moving part and its hinge line in the raw CAD. Ask for any control surface deflection, nacelle tilt or gear position, and GeometryAI meshes it with no trip back to the CAD software.



MOVING PARTS FOUND IN THE RAW CAD

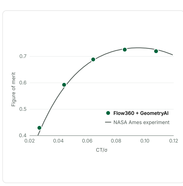
Flaperons	4
Rudders	2
Nacelles	2
Proprotors	2
Landing gear legs	3

17	0	~30	6 min	3 min
moving assemblies on the V-22	mates or hinges defined in the input	intersecting patches and bodies repaired automatically	to mesh each configuration	steady-state solve with Flow360

03 ADDITIONAL RESOURCE · VALIDATED · HVAB ROTOR

Broken IGES in, NASA-matching hover performance out

HVAB is the focus problem of the AIAA Hover Prediction Workshop. GeometryAI repairs the broken IGES blade, the collective sweep runs automatically, and Flow360 matches the NASA Ames measurements.



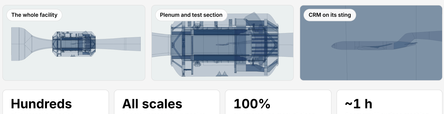


±0.02	4–12°	120M+	18 min
figure of merit vs NASA at every collective	collective sweep, 5 runs	nodes per validation mesh	hover solve with Flow360

04 IN THE TALK · SCALE · NASA NATIONAL TRANSONIC FACILITY

The complete NASA NTF wind tunnel, aircraft included

The full NASA NTF with the Common Research Model on its sting. GeometryAI decides which of thousands of faces the flow reaches and meshes the lot.



Hundreds	All scales	100%	~1 h
of intersecting bodies removed	of detail preserved, tunnel to aircraft	automated, no manual clean-up	GeometryAI surface meshing

Come to the workshop to see the results!

TWO WORKSHOPS

Choose your workshop

WORKSHOP 01
Sunnyvale
Advanced Air Mobility / eVTOL

DATE — Wednesday, November 18, 2026
TIME — 10:45 AM to 2:45 PM PT
VENUE — Star Space
1250 Borregas Avenue
Sunnyvale, CA 94089

Register for Sunnyvale

WORKSHOP 02
El Segundo
Aerospace & Defense / UAVs and missiles

DATE — Thursday, November 19, 2026
TIME — 10:30 AM to 3:00 PM PT
VENUE — Apollo Training Room
840 Apollo St #100
El Segundo, CA 90245

Register for El Segundo

In-person, hands-on. Lunch included. Limited to 40 attendees per location. Register at hs.flexcompute.com/geometryai-flow360-workshops-november-2026

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