



**20th HELICOPTER MILITARY OPERATIONS
TECHNOLOGY (HELMOT XX) MEETING
Dec. 4-5, 2024**

"Vertical Lift Transformation Enabling Concepts"
Sponsored by VFS Southeast Region and Hampton Roads Chapter
Newport News Marriott at City Center – Pearl Ballroom

Preliminary Agenda

(as of July 11, 2024; Subject to Change)

Wednesday, 4 December 2024

Time	Subject	Speaker/POC
0900 - 1600	Registration Desk Open: Pearl Ballroom Foyer	Julie Gibbs, VFS HQ
1200 - 1315	<i>Lunch: Pearl Ballroom</i>	<i>Complimentary for Attendees</i>
1315 - 1320	Welcome to HELMOT XX - Day 1	Mr. Marty Walsh HELMOT XX General Chair, US Army DEVCOM AvMC
1320 - 1330	VFS Headquarter Overview	Mr. Angelo Collins Executive Director, VFS
1330 - 1430	Keynote Speaker: TBD	TBD
Session 1: Autonomy Updates		
1430 - 1440	Session Introductions	Mr. Nate Bordick, Session Chair, US Army DEVCOM AvMC
1440 - 1510	Mission Adaptive Autonomy	Mr. Carl Ott, US Army DEVCOM AvMC
1510 - 1540	<i>PM Refreshment Break</i>	<i>Refreshments for Attendees</i>
1540 - 1610	USAF Loyal Wingman	TBD
1610 - 1640	Autonomous Vertical Lift Resupply	TBD (JHNA)
1640 - 1710	Launched Effects Update	TBD – PM UAS
1710 - 1715	Session Wrap-up	Mr. Nate Bordick, Session Chair, US Army DEVCOM AvMC
1715 - 1720	Day 1 - Closing Remarks	Mr. Marty Walsh HELMOT XIX General Chair, US Army DEVCOM AvMC
1800 - 2000	<i>VFS-HRC Social: BBQ + Sides, Non-alcoholic Beverages from County Grill (Complimentary)</i>	<i>Tradition Brewing Company: 700 Thimble Shoals Blvd. #100, Newport News, VA 23606</i>

Thursday, 5 December 2024

Time	Subject	Speaker/POC
0700 - 0800	<i>Continental Breakfast (Registration Open)</i>	<i>Breakfast for Attendees</i>
0755 - 0800	Welcome to HELMOT XX - Day 2	Mr. Marty Walsh HELMOT XX General Chair, US Army DEVCOM AvMC
Session 2: Modular Open Systems Approach (MOSA)		
0800 - 0805	Session Introductions	Ms. Sara Condon, Session Chair, US Army DEVCOM AvMC
0805 - 0835	MOSA approaches in Army Science and Technology	Mr. James Sklenar, Lockheed Martin
0835 - 0905	PEO Aviation on MOSA Conformance	Mr. Scott Dennis, PEO Aviation
0905 - 0935	Open-System Verification Demonstration	Mr. Bill Jacobs, PM FARA
0935 - 1000	<i>AM Refreshment Break</i>	<i>Refreshments for Attendees</i>
1000 - 1030	TBD	TBD
1030 - 1100	Project Pyramid Overview	Mr. Mike Lane, Defense Technology and Science Lab
1100 - 1105	Session Wrap-up	Ms. Sara Condon, Session Chair, US Army DEVCOM AvMC
1105 - 1300	<i>Lunch On Your Own</i>	
Session 3: Human-Machine Interface		
1300 - 1305	Session Introductions	Mr. Ernie Moralez, US Army DEVCOM AvMC
1305 - 1335	Aviation Crew Station WG for Launched Effects	Ms. Jena Salvetti, US Army DEVCOM AvMC
1335 - 1405	IMPRINT Human Performance Modeling for Army Aviation	Mr. Scott Scheff, HFDesignWorks, Inc.
1405 - 1435	Update on Dynamic InfoGraphics (DIG) Augmented Reality Display	Dr. Gina Hartnett, US Army DEVCOM DAC
1435 - 1500	<i>PM Refreshment Break</i>	<i>Refreshments for Attendees</i>
1500 - 1530	Augmented Reality Displays Technology Update	Mr. Chris Aura, US Army Aeromedical Research Lab
1530 - 1600	Holistic Mission Management Research	Dr. Tom Alicia, US Army DEVCOM AvMC
1600 – 1630	Airworthiness Considerations for HMI	TBD, DEVCOM AvMC
1600 - 1605	Session Wrap-up	Mr. Ernie Moralez, US Army DEVCOM AvMC
1605 - 1615	HELMOT XX Wrap-up / Closing Statements	Mr. Marty Walsh HELMOT XX General Chair, US Army DEVCOM AvMC